

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 8, 2006, 19:42:58 ; Search time 174 Seconds

(without alignments)
751.613 Million cell updates/sec

Perfect score: 1747
Sequence: 1 MNQSLFLLIATRGWSTD.....HVGYSRRITEAAVLLFYR 313

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 1500 summaries

Database : Published Applications AA Main:
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|--------|-------------|--------|----|----------------------|
| 27 | 1747 | 100.0 | 313 | 3 | US-09-997-428-414 |
| 58 | 1747 | 100.0 | 313 | 3 | US-09-771-503-8 |
| 563 | 1747 | 100.0 | 313 | 4 | US-10-174-587-294 |
| 627 | 1747 | 100.0 | 313 | 4 | US-10-063-742-88 |
| 733 | 1747 | 100.0 | 313 | 4 | US-10-429-160-62 |
| 743 | 1747 | 100.0 | 313 | 5 | US-10-972-317-88 |
| 745 | 1747 | 100.0 | 313 | 5 | US-10-950-374-414 |
| 748 | 1738 | 99.5 | 313 | 5 | US-10-785-720-1 |
| 749 | 1738 | 99.5 | 313 | 5 | US-10-991-321-12 |
| 750 | 1733 | 99.2 | 313 | 3 | US-09-973-278-156 |
| 751 | 1733 | 99.2 | 314 | 3 | US-09-983-802-155 |
| 752 | 1733 | 99.2 | 314 | 3 | US-09-984-490-155 |
| 1216 | 1449.5 | 83.0 | 325 | 4 | US-10-174-587-520 |
| 1273 | 1449.5 | 83.0 | 325 | 5 | US-10-785-720-3 |
| 1274 | 1449.5 | 83.0 | 325 | 5 | US-10-991-321-36 |
| 1278 | 1444.5 | 82.7 | 325 | 3 | US-09-981-353-32 |
| 1279 | 1444.5 | 82.7 | 325 | 3 | US-09-771-503-1 |
| 1280 | 1427 | 81.7 | 325 | 3 | US-09-771-503-9 |
| 1281 | 939 | 53.7 | 172 | 4 | US-10-276-774-1803 |
| 1282 | 837.5 | 47.9 | 225 | 5 | US-10-478-519-9 |
| 1283 | 545 | 31.2 | 103 | 4 | US-10-425-115-350716 |
| 1284 | 112 | 6.4 | 19 | 3 | US-09-983-802-325 |
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| 1286 | 112 | 6.4 | 19 | 3 | US-09-973-278-320 |
| 1287 | 110.5 | 6.3 | 1296 | 6 | US-10-509-009-2 |
| 1288 | 109.5 | 6.3 | 241 | 6 | US-11-097-143-11670 |
| 1289 | 109 | 6.2 | 307 | 5 | US-10-311-827-20 |
| 1290 | 109 | 6.2 | 491 | 4 | US-10-017-724-6 |

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| 6.2 | 488 | 3 | US-09-919-039-33 |
| 6.1 | 649 | 4 | US-10-282-122A-51186 |
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| 6.0 | 616 | 4 | US-10-369-493-5329 |
| 5.9 | 207 | 4 | US-10-424-599-231451 |
| 5.9 | 496 | 4 | US-10-215-224-7 |
| 5.9 | 496 | 4 | US-10-214-812-2 |
| 5.9 | 496 | 4 | US-10-263-677-9 |
| 5.9 | 496 | 4 | US-10-789-222-16 |
| 5.9 | 496 | 4 | US-10-955-218-9 |
| 5.8 | 1573 | 4 | US-10-331-053-63 |
| 5.8 | 363 | 6 | US-11-097-143-42102 |
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| 5.7 | 460 | 4 | US-10-394-557-17 |
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| 5.7 | 460 | 4 | US-10-460-124-4 |
| 5.7 | 460 | 4 | US-10-298-461-2 |
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| 5.7 | 460 | 5 | US-10-289-490-6 |
| 5.7 | 796 | 4 | US-10-369-493-703 |
| 5.6 | 216 | 3 | US-09-832-355A-29 |
| 5.6 | 503 | 4 | US-10-225-060-11 |
| 5.6 | 503 | 5 | US-10-928-911-11 |
| 5.6 | 503 | 6 | US-11-073-120-11 |
| 5.6 | 509 | 4 | US-10-215-224-2 |
| 5.6 | 509 | 4 | US-10-214-812-2 |
| 5.6 | 509 | 4 | US-10-214-812-3 |
| 5.6 | 509 | 4 | US-10-725-060-10 |
| 5.6 | 509 | 4 | US-10-789-222-18 |
| 5.6 | 509 | 5 | US-10-928-911-10 |
| 5.6 | 509 | 6 | US-11-073-120-10 |
| 5.5 | 1601 | 4 | US-10-425-115-214753 |
| 5.5 | 269 | 3 | US-09-966-546-26 |
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| 5.5 | 269 | 3 | US-09-965-212-26 |
| 5.5 | 269 | 3 | US-09-965-212-28 |
| 5.5 | 269 | 4 | US-10-189-940-26 |
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| 5.5 | 450 | 5 | US-10-272-291-7 |
| 5.4 | 477 | 4 | US-10-282-122A-65746 |
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| 5.4 | 191 | 4 | US-09-826-734-154 |
| 5.4 | 216 | 3 | US-10-425-115-313490 |
| 5.4 | 256 | 4 | US-10-425-115-342745 |
| 5.4 | 934 | 4 | US-11-097-143-18063 |
| 5.4 | 1701 | 6 | US-10-886-023-3 |
| 5.3 | 429 | 5 | US-10-886-023-4 |
| 5.3 | 429 | 5 | US-10-886-023-4 |

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| 1435 | 93 | 5.3 | 429 | 5 | US-10-886-023-15 | Sequence 15, Appl |
| 1436 | 93 | 5.3 | 429 | 5 | US-10-886-023-16 | Sequence 16, Appl |
| 1437 | 93 | 5.3 | 429 | 5 | US-10-886-023-22 | Sequence 22, Appl |
| 1438 | 93 | 5.3 | 429 | 5 | US-10-886-023-22 | Sequence 23, Appl |
| 1439 | 93 | 5.3 | 429 | 5 | US-10-886-023-29 | Sequence 29, Appl |
| 1440 | 93 | 5.3 | 429 | 5 | US-10-886-023-30 | Sequence 30, Appl |
| 1441 | 93 | 5.3 | 429 | 5 | US-10-886-903-13 | Sequence 13, Appl |
| 1442 | 93 | 5.3 | 429 | 5 | US-10-886-903-14 | Sequence 14, Appl |
| 1443 | 93 | 5.3 | 429 | 5 | US-10-886-905-13 | Sequence 13, Appl |
| 1444 | 93 | 5.3 | 429 | 5 | US-10-886-905-14 | Sequence 14, Appl |
| 1445 | 93 | 5.3 | 1290 | 4 | US-10-331-053-66 | Sequence 66, Appl |
| 1446 | 92.5 | 5.3 | 219 | 3 | US-09-832-355A-22 | Sequence 22, Appl |

Search completed: February 8, 2006, 19:47:01
Job time : 200 secs

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 8, 2006, 19:44:04 ; Search time 17 Seconds
(without alignments)
241.609 Million cell updates/sec

Perfect score: 1747

Sequence: 1 MNQLSFLFLIATTRGWDST.....HVGYSRRITEAAVLLFYR 313

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 97014 seqs, 1312538 residues

Total number of hits satisfying chosen parameters: 97014

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Published Applications AA_New.*

1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep.*
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4: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep.*
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8: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------|-------------------|
| 2 | 1747 | 100.0 | 313 | 7 | US-11-102-240-88 |
| 3 | 113.5 | 6.5 | 445 | 6 | US-10-995-561-746 |
| 4 | 109 | 6.2 | 344 | 6 | US-10-995-561-740 |
| 5 | 109 | 6.2 | 344 | 6 | US-10-995-561-744 |
| 6 | 109 | 6.2 | 391 | 6 | US-10-995-561-739 |
| 7 | 109 | 6.2 | 432 | 6 | US-10-995-561-738 |
| 8 | 109 | 6.2 | 457 | 6 | US-10-995-561-741 |
| 9 | 109 | 6.2 | 491 | 6 | US-10-995-561-743 |
| 10 | 109 | 6.2 | 512 | 6 | US-10-995-561-745 |
| 11 | 96.5 | 5.5 | 496 | 7 | US-11-067-121-3 |
| 12 | 94 | 5.4 | 191 | 6 | US-10-055-877-87 |
| 13 | 94 | 5.4 | 191 | 6 | US-10-453-372-916 |
| 14 | 94 | 5.4 | 203 | 6 | US-10-055-877-99 |
| 15 | 93 | 5.3 | 429 | 6 | US-10-886-504-3 |
| 16 | 93 | 5.3 | 429 | 6 | US-10-886-504-4 |
| 17 | 93 | 5.3 | 429 | 6 | US-10-886-505-3 |
| 18 | 93 | 5.3 | 429 | 6 | US-10-886-505-4 |
| 19 | 93 | 5.3 | 429 | 6 | US-10-886-527-3 |
| 20 | 93 | 5.3 | 429 | 6 | US-10-886-527-4 |
| 22 | 92 | 5.3 | 496 | 7 | US-11-067-121-12 |
| 23 | 92 | 5.3 | 496 | 7 | US-11-129-076-7 |
| 24 | 91 | 5.2 | 493 | 7 | US-11-067-121-10 |
| 25 | 91 | 5.2 | 527 | 6 | US-10-886-504-9 |
| 26 | 91 | 5.2 | 527 | 6 | US-10-886-504-10 |
| 27 | 91 | 5.2 | 527 | 6 | US-10-886-505-9 |
| 28 | 91 | 5.2 | 527 | 6 | US-10-886-505-10 |

| | | | | | | |
|-----|------|-----|------|---|--------------------|--------------------|
| 29 | 91 | 5.2 | 527 | 6 | US-10-886-527-9 | Sequence 9, Appli |
| 30 | 91 | 5.2 | 527 | 6 | US-10-886-527-10 | Sequence 10, Appl |
| 31 | 90.5 | 5.2 | 244 | 6 | US-10-821-234-1264 | Sequence 1264, Ap |
| 32 | 90.5 | 5.2 | 495 | 7 | US-11-129-076-8 | Sequence 8, Appli |
| 33 | 90 | 5.2 | 429 | 6 | US-10-886-504-2 | Sequence 2, Appli |
| 34 | 90 | 5.2 | 429 | 6 | US-10-886-504-13 | Sequence 13, Appli |
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| 36 | 90 | 5.2 | 429 | 6 | US-10-886-505-13 | Sequence 13, Appli |
| 37 | 90 | 5.2 | 429 | 6 | US-10-886-527-2 | Sequence 2, Appli |
| 38 | 90 | 5.2 | 429 | 6 | US-10-886-527-13 | Sequence 13, Appli |
| 39 | 89 | 5.1 | 326 | 6 | US-10-055-877-287 | Sequence 287, App |
| 40 | 89 | 5.1 | 326 | 6 | US-10-055-877-295 | Sequence 295, App |
| 41 | 89 | 5.1 | 326 | 6 | US-10-453-372-898 | Sequence 898, App |
| 42 | 88.5 | 5.1 | 326 | 7 | US-11-000-463-382 | Sequence 382, App |
| 43 | 88.5 | 5.1 | 326 | 7 | US-11-000-463-854 | Sequence 854, App |
| 44 | 88.5 | 5.1 | 339 | 6 | US-10-517-939-154 | Sequence 154, App |
| 45 | 88 | 5.0 | 289 | 6 | US-10-055-877-89 | Sequence 89, Appli |
| 46 | 88 | 5.0 | 289 | 6 | US-10-453-372-918 | Sequence 918, App |
| 47 | 88 | 5.0 | 296 | 6 | US-10-453-372-920 | Sequence 920, App |
| 48 | 88 | 5.0 | 299 | 6 | US-10-055-877-97 | Sequence 97, Appli |
| 49 | 88 | 5.0 | 304 | 6 | US-10-055-877-83 | Sequence 83, Appli |
| 50 | 88 | 5.0 | 308 | 6 | US-10-055-877-85 | Sequence 85, Appli |
| 51 | 88 | 5.0 | 308 | 6 | US-10-453-372-914 | Sequence 914, App |
| 52 | 88 | 5.0 | 316 | 6 | US-10-453-372-924 | Sequence 924, App |
| 53 | 88 | 5.0 | 319 | 6 | US-10-055-877-93 | Sequence 93, Appli |
| 54 | 88 | 5.0 | 319 | 6 | US-10-055-877-288 | Sequence 288, App |
| 55 | 88 | 5.0 | 319 | 6 | US-10-055-877-294 | Sequence 294, App |
| 56 | 88 | 5.0 | 319 | 6 | US-10-453-372-912 | Sequence 912, App |
| 57 | 88 | 5.0 | 319 | 6 | US-10-453-372-932 | Sequence 932, App |
| 58 | 88 | 5.0 | 326 | 6 | US-10-055-877-286 | Sequence 286, App |
| 59 | 88 | 5.0 | 326 | 6 | US-10-055-877-293 | Sequence 293, App |
| 60 | 88 | 5.0 | 326 | 6 | US-10-453-372-930 | Sequence 930, App |
| 61 | 88 | 5.0 | 527 | 6 | US-10-886-504-8 | Sequence 8, Appli |
| 62 | 88 | 5.0 | 527 | 6 | US-10-886-505-8 | Sequence 8, Appli |
| 63 | 88 | 5.0 | 527 | 6 | US-10-886-527-8 | Sequence 8, Appli |
| 64 | 87.5 | 5.0 | 217 | 6 | US-10-453-372-900 | Sequence 900, App |
| 65 | 87.5 | 5.0 | 217 | 6 | US-10-453-372-902 | Sequence 902, App |
| 66 | 87.5 | 5.0 | 217 | 6 | US-10-453-372-906 | Sequence 906, App |
| 67 | 87.5 | 5.0 | 217 | 6 | US-10-453-372-908 | Sequence 908, App |
| 68 | 87.5 | 5.0 | 283 | 6 | US-10-055-877-91 | Sequence 91, Appli |
| 69 | 87.5 | 5.0 | 283 | 6 | US-10-453-372-922 | Sequence 922, App |
| 70 | 87 | 5.0 | 266 | 6 | US-10-055-877-95 | Sequence 95, Appli |
| 71 | 87 | 5.0 | 266 | 6 | US-10-453-372-926 | Sequence 926, App |
| 73 | 87 | 5.0 | 493 | 7 | US-11-067-121-20 | Sequence 20, Appli |
| 74 | 86.5 | 5.0 | 2556 | 7 | US-11-050-346-67 | Sequence 67, Appli |
| 75 | 84.5 | 4.8 | 725 | 6 | US-10-467-657-1336 | Sequence 1336, Ap |
| 76 | 84 | 4.8 | 399 | 6 | US-10-926-709-17 | Sequence 17, Appli |
| 77 | 84 | 4.8 | 530 | 6 | US-10-886-504-1 | Sequence 1, Appli |
| 78 | 84 | 4.8 | 530 | 6 | US-10-886-505-1 | Sequence 1, Appli |
| 79 | 84 | 4.8 | 530 | 6 | US-10-886-527-1 | Sequence 1, Appli |
| 80 | 84 | 4.8 | 551 | 6 | US-10-886-504-5 | Sequence 5, Appli |
| 81 | 84 | 4.8 | 551 | 6 | US-10-886-505-5 | Sequence 5, Appli |
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| 83 | 83.5 | 4.8 | 250 | 7 | US-11-054-515-1616 | Sequence 1616, Ap |
| 84 | 83.5 | 4.8 | 1767 | 6 | US-10-995-561-911 | Sequence 911, App |
| 85 | 83.5 | 4.8 | 1767 | 6 | US-10-995-561-914 | Sequence 914, App |
| 86 | 83.5 | 4.8 | 1806 | 6 | US-10-995-561-912 | Sequence 912, App |
| 87 | 83.5 | 4.8 | 1806 | 6 | US-10-995-561-915 | Sequence 915, App |
| 88 | 83.5 | 4.8 | 1818 | 6 | US-10-995-561-910 | Sequence 910, App |
| 89 | 83.5 | 4.8 | 1818 | 6 | US-10-995-561-913 | Sequence 913, App |
| 90 | 83 | 4.8 | 476 | 7 | US-11-024-959-292 | Sequence 292, App |
| 91 | 83 | 4.8 | 499 | 7 | US-11-024-959-293 | Sequence 293, App |
| 92 | 83 | 4.8 | 984 | 6 | US-10-995-561-629 | Sequence 25, Appli |
| 93 | 83 | 4.8 | 2176 | 7 | US-11-193-561-25 | Sequence 25, Appli |
| 94 | 83 | 4.8 | 2176 | 7 | US-11-193-771-25 | Sequence 25, Appli |
| 95 | 83 | 4.8 | 2176 | 7 | US-11-193-789-25 | Sequence 25, Appli |
| 96 | 83 | 4.8 | 2176 | 7 | US-11-193-806-25 | Sequence 25, Appli |
| 97 | 83 | 4.8 | 2176 | 7 | US-11-193-857-25 | Sequence 25, Appli |
| 98 | 83 | 4.8 | 2217 | 7 | US-11-193-561-38 | Sequence 38, Appli |
| 99 | 83 | 4.8 | 2217 | 7 | US-11-193-771-38 | Sequence 38, Appli |
| 100 | 83 | 4.8 | 2217 | 7 | US-11-193-789-38 | Sequence 38, Appli |
| 101 | 83 | 4.8 | 2217 | 7 | US-11-193-806-38 | Sequence 38, Appli |
| 102 | 83 | 4.8 | 2217 | 7 | US-11-193-857-38 | Sequence 38, Appli |

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| 103 | 83 | 4.8 | 2223 | 7 | US-11-193-561-2 | Sequence 2, Appli | 176 | 77.5 | 4.4 | 483 | 6 | US-10-630-203-8 | Sequence 8, Appli |
| 104 | 83 | 4.8 | 2223 | 7 | US-11-193-771-2 | Sequence 2, Appli | 177 | 77.5 | 4.4 | 483 | 6 | US-10-630-203-30 | Sequence 30, Appli |
| 105 | 83 | 4.8 | 2223 | 7 | US-11-193-789-2 | Sequence 2, Appli | 179 | 77 | 4.4 | 261 | 7 | US-11-123-817-3 | Sequence 3, Appli |
| 106 | 83 | 4.8 | 2223 | 7 | US-11-193-806-2 | Sequence 2, Appli | 180 | 77 | 4.4 | 269 | 7 | US-11-123-817-4 | Sequence 4, Appli |
| 107 | 83 | 4.8 | 2223 | 7 | US-11-193-857-2 | Sequence 2, Appli | 181 | 77 | 4.4 | 277 | 7 | US-11-123-817-6 | Sequence 6, Appli |
| 108 | 83 | 4.8 | 2226 | 6 | US-10-995-561-633 | Sequence 633, App | 182 | 77 | 4.4 | 370 | 6 | US-10-641-678-35 | Sequence 35, Appli |
| 109 | 83 | 4.8 | 2296 | 7 | US-11-193-561-23 | Sequence 23, Appli | 183 | 77 | 4.4 | 437 | 6 | US-10-821-234-1549 | Sequence 1549, Ap |
| 110 | 83 | 4.8 | 2296 | 7 | US-11-193-771-23 | Sequence 23, Appli | 184 | 77 | 4.4 | 437 | 7 | US-11-123-817-2 | Sequence 2, Appli |
| 111 | 83 | 4.8 | 2296 | 7 | US-11-193-789-23 | Sequence 23, Appli | 185 | 77 | 4.4 | 453 | 6 | US-10-878-556A-29 | Sequence 29, Appli |
| 112 | 83 | 4.8 | 2296 | 7 | US-11-193-806-23 | Sequence 23, Appli | 186 | 77 | 4.4 | 453 | 6 | US-11-123-817-5 | Sequence 5, Appli |
| 113 | 83 | 4.8 | 2296 | 7 | US-11-193-857-23 | Sequence 23, Appli | 187 | 77 | 4.4 | 459 | 6 | US-10-641-678-72 | Sequence 72, Appli |
| 114 | 83 | 4.8 | 2330 | 7 | US-11-193-561-21 | Sequence 21, Appli | 188 | 76.5 | 4.4 | 720 | 6 | US-10-495-662-22 | Sequence 22, Appli |
| 115 | 83 | 4.8 | 2330 | 7 | US-11-193-771-21 | Sequence 21, Appli | 189 | 76 | 4.4 | 654 | 6 | US-10-510-947-6 | Sequence 6, Appli |
| 116 | 83 | 4.8 | 2330 | 7 | US-11-193-789-21 | Sequence 21, Appli | 190 | 76 | 4.4 | 1907 | 7 | US-11-039-398-25 | Sequence 25, Appli |
| 117 | 83 | 4.8 | 2330 | 7 | US-11-193-806-21 | Sequence 21, Appli | 191 | 75.5 | 4.3 | 406 | 7 | US-11-169-041-183 | Sequence 183, App |
| 118 | 83 | 4.8 | 2330 | 7 | US-11-193-857-21 | Sequence 21, Appli | 193 | 75.5 | 4.3 | 457 | 6 | US-10-821-234-1185 | Sequence 1185, Ap |
| 119 | 83 | 4.8 | 2355 | 6 | US-10-995-561-623 | Sequence 623, App | 194 | 75.5 | 4.3 | 530 | 7 | US-11-110-082-32 | Sequence 32, Appli |
| 120 | 83 | 4.8 | 2355 | 6 | US-10-995-561-627 | Sequence 627, App | 195 | 75.5 | 4.3 | 705 | 6 | US-10-821-234-1532 | Sequence 1532, Ap |
| 121 | 83 | 4.8 | 2355 | 7 | US-11-193-561-19 | Sequence 19, Appli | 196 | 75.5 | 4.3 | 710 | 7 | US-11-089-551A-33 | Sequence 33, Appli |
| 122 | 83 | 4.8 | 2355 | 7 | US-11-193-771-19 | Sequence 19, Appli | 197 | 75 | 4.3 | 334 | 6 | US-10-834-397-21 | Sequence 21, Appli |
| 123 | 83 | 4.8 | 2355 | 7 | US-11-193-789-19 | Sequence 19, Appli | 198 | 75 | 4.3 | 334 | 6 | US-10-895-064-26 | Sequence 26, Appli |
| 124 | 83 | 4.8 | 2355 | 7 | US-11-193-806-19 | Sequence 19, Appli | 199 | 75 | 4.3 | 585 | 6 | US-10-878-556A-42 | Sequence 42, Appli |
| 125 | 83 | 4.8 | 2355 | 7 | US-11-193-857-19 | Sequence 19, Appli | 200 | 75 | 4.3 | 607 | 7 | US-11-167-856-18 | Sequence 18, Appli |
| 126 | 83 | 4.8 | 2386 | 6 | US-10-821-234-11545 | Sequence 1545, Ap | 201 | 74.5 | 4.3 | 326 | 6 | US-10-055-877-289 | Sequence 289, App |
| 127 | 83 | 4.8 | 2421 | 7 | US-11-193-561-17 | Sequence 17, Appli | 202 | 74.5 | 4.3 | 326 | 6 | US-10-055-877-297 | Sequence 297, App |
| 128 | 83 | 4.8 | 2421 | 7 | US-11-193-771-17 | Sequence 17, Appli | 203 | 74.5 | 4.3 | 683 | 7 | US-11-103-957-84 | Sequence 84, Appli |
| 129 | 83 | 4.8 | 2421 | 7 | US-11-193-789-17 | Sequence 17, Appli | 204 | 74.5 | 4.3 | 984 | 7 | US-11-113-424-60 | Sequence 60, Appli |
| 130 | 83 | 4.8 | 2421 | 7 | US-11-193-806-17 | Sequence 17, Appli | 205 | 74 | 4.2 | 240 | 7 | US-11-170-653-38 | Sequence 38, Appli |
| 131 | 83 | 4.8 | 2421 | 7 | US-11-193-857-17 | Sequence 17, Appli | 206 | 74 | 4.2 | 241 | 7 | US-11-170-653-35 | Sequence 35, Appli |
| 132 | 83 | 4.8 | 2477 | 7 | US-11-193-561-15 | Sequence 15, Appli | 207 | 74 | 4.2 | 358 | 6 | US-10-517-939-182 | Sequence 182, App |
| 133 | 83 | 4.8 | 2477 | 7 | US-11-193-771-15 | Sequence 15, Appli | 208 | 73.5 | 4.2 | 347 | 6 | US-10-517-939-222 | Sequence 222, App |
| 134 | 83 | 4.8 | 2477 | 7 | US-11-193-789-15 | Sequence 15, Appli | 209 | 73.5 | 4.2 | 365 | 7 | US-11-052-554A-273 | Sequence 223, App |
| 135 | 83 | 4.8 | 2477 | 7 | US-11-193-806-15 | Sequence 15, Appli | 210 | 73.5 | 4.2 | 500 | 6 | US-10-517-939-124 | Sequence 174, App |
| 136 | 83 | 4.8 | 2477 | 7 | US-11-193-857-15 | Sequence 15, Appli | 211 | 73.5 | 4.2 | 505 | 6 | US-10-641-678-68 | Sequence 68, Appli |
| 137 | 83 | 4.8 | 2477 | 7 | US-11-193-806-15 | Sequence 15, Appli | 212 | 73 | 4.2 | 471 | 7 | US-11-024-959-419 | Sequence 419, App |
| 138 | 82.5 | 4.7 | 213 | 6 | US-11-193-857-15 | Sequence 15, Appli | 214 | 73 | 4.2 | 564 | 7 | US-11-033-039-1209 | Sequence 1209, Ap |
| 139 | 82.5 | 4.7 | 1185 | 6 | US-10-453-372-928 | Sequence 928, App | 215 | 73 | 4.2 | 627 | 6 | US-10-873-528-191 | Sequence 191, App |
| 140 | 82.5 | 4.7 | 1874 | 6 | US-10-453-372-910 | Sequence 910, App | 216 | 73 | 4.2 | 805 | 6 | US-10-517-939-4 | Sequence 4, Appli |
| 141 | 82.5 | 4.7 | 3011 | 6 | US-10-821-234-1182 | Sequence 7, Appli | 217 | 73 | 4.2 | 805 | 6 | US-10-518-599-2 | Sequence 2, Appli |
| 142 | 82.5 | 4.7 | 3011 | 6 | US-10-985-205-3 | Sequence 3, Appli | 218 | 73 | 4.2 | 805 | 6 | US-10-957-880-1 | Sequence 1, Appli |
| 143 | 82 | 4.7 | 463 | 6 | US-10-641-678-71 | Sequence 71, Appli | 219 | 73 | 4.2 | 905 | 7 | US-11-124-368A-307 | Sequence 307, App |
| 144 | 81.5 | 4.7 | 319 | 6 | US-10-055-877-290 | Sequence 290, App | 220 | 72.5 | 4.1 | 483 | 7 | US-11-113-775A-1 | Sequence 1, Appli |
| 145 | 81.5 | 4.7 | 483 | 6 | US-10-630-203-10 | Sequence 10, Appli | 221 | 72.5 | 4.1 | 483 | 7 | US-11-113-779-1 | Sequence 1, Appli |
| 146 | 81.5 | 4.7 | 514 | 7 | US-11-102-188-6 | Sequence 6, Appli | 222 | 72.5 | 4.1 | 485 | 6 | US-10-630-203-4 | Sequence 4, Appli |
| 147 | 81.5 | 4.7 | 642 | 6 | US-10-995-561-631 | Sequence 631, App | 223 | 72.5 | 4.1 | 485 | 6 | US-11-103-037-2 | Sequence 2, Appli |
| 148 | 81.5 | 4.7 | 657 | 6 | US-10-995-561-622 | Sequence 622, App | 224 | 72.5 | 4.1 | 485 | 7 | US-11-195-538-2 | Sequence 2, Appli |
| 149 | 81.5 | 4.7 | 657 | 7 | US-11-193-561-27 | Sequence 27, Appli | 225 | 72.5 | 4.1 | 544 | 6 | US-10-821-234-889 | Sequence 889, App |
| 150 | 81.5 | 4.7 | 657 | 7 | US-11-193-771-27 | Sequence 27, Appli | 226 | 72.5 | 4.1 | 549 | 6 | US-10-995-561-909 | Sequence 909, App |
| 151 | 81.5 | 4.7 | 657 | 7 | US-11-193-789-27 | Sequence 27, Appli | 227 | 72.5 | 4.1 | 1012 | 6 | US-10-995-561-908 | Sequence 908, App |
| 152 | 81.5 | 4.7 | 657 | 7 | US-11-193-806-27 | Sequence 27, Appli | 228 | 72 | 4.1 | 278 | 6 | US-10-467-657-7386 | Sequence 7386, Ap |
| 153 | 81.5 | 4.7 | 657 | 7 | US-11-193-857-27 | Sequence 27, Appli | 229 | 72 | 4.1 | 350 | 6 | US-10-517-939-176 | Sequence 176, App |
| 154 | 81.5 | 4.7 | 3623 | 6 | US-10-995-561-593 | Sequence 593, App | 230 | 72 | 4.1 | 350 | 6 | US-10-517-939-192 | Sequence 192, App |
| 155 | 81 | 4.6 | 527 | 6 | US-10-886-504-7 | Sequence 7, Appli | 231 | 72 | 4.1 | 354 | 6 | US-10-517-939-216 | Sequence 216, App |
| 156 | 81 | 4.6 | 527 | 6 | US-10-886-505-7 | Sequence 7, Appli | 232 | 72 | 4.1 | 354 | 6 | US-11-024-959-413 | Sequence 413, App |
| 157 | 81 | 4.6 | 548 | 6 | US-10-886-527-7 | Sequence 7, Appli | 233 | 72 | 4.1 | 483 | 7 | US-11-024-959-414 | Sequence 414, App |
| 158 | 81 | 4.6 | 548 | 6 | US-10-886-504-11 | Sequence 11, Appli | 234 | 72 | 4.1 | 501 | 6 | US-10-630-203-27 | Sequence 27, Appli |
| 159 | 81 | 4.6 | 548 | 6 | US-10-886-505-11 | Sequence 11, Appli | 235 | 72 | 4.1 | 501 | 6 | US-10-630-203-28 | Sequence 28, Appli |
| 160 | 81 | 4.6 | 548 | 6 | US-10-886-527-11 | Sequence 11, Appli | 236 | 71.5 | 4.1 | 234 | 7 | US-11-052-554A-286 | Sequence 286, App |
| 161 | 80.5 | 4.6 | 217 | 7 | US-10-453-372-904 | Sequence 904, App | 237 | 71.5 | 4.1 | 379 | 7 | US-11-052-554A-296 | Sequence 296, App |
| 162 | 80.5 | 4.6 | 841 | 7 | US-11-052-554A-102 | Sequence 102, App | 238 | 71.5 | 4.1 | 408 | 7 | US-11-016-564-5 | Sequence 5, Appli |
| 163 | 80.5 | 4.6 | 868 | 6 | US-10-995-561-792 | Sequence 792, App | 239 | 71.5 | 4.1 | 429 | 6 | US-10-984-376-2 | Sequence 2, Appli |
| 164 | 80.5 | 4.6 | 2048 | 7 | US-11-116-939-6 | Sequence 6, Appli | 240 | 71.5 | 4.1 | 434 | 6 | US-10-467-657-346 | Sequence 346, App |
| 165 | 79.5 | 4.6 | 791 | 6 | US-10-495-662-20 | Sequence 20, App | 241 | 71.5 | 4.1 | 506 | 6 | US-10-641-678-69 | Sequence 69, Appli |
| 166 | 79.5 | 4.6 | 987 | 6 | US-10-495-662-20 | Sequence 20, App | 242 | 71.5 | 4.1 | 516 | 6 | US-10-641-678-59 | Sequence 59, Appli |
| 167 | 79.5 | 4.6 | 1055 | 7 | US-11-169-041-155 | Sequence 155, App | 243 | 71.5 | 4.1 | 637 | 7 | US-11-154-324-4 | Sequence 4, Appli |
| 168 | 79 | 4.5 | 448 | 7 | US-11-052-554A-230 | Sequence 230, App | 244 | 71.5 | 4.1 | 696 | 7 | US-11-052-554A-100 | Sequence 100, App |
| 169 | 79 | 4.5 | 626 | 6 | US-10-512-184-49 | Sequence 49, Appli | 245 | 71.5 | 4.1 | 696 | 7 | US-11-052-554A-101 | Sequence 101, App |
| 170 | 78.5 | 4.5 | 356 | 6 | US-10-517-939-160 | Sequence 160, App | 246 | 71.5 | 4.1 | 3300 | 7 | US-11-052-554A-133 | Sequence 133, App |
| 171 | 78.5 | 4.5 | 390 | 6 | US-10-495-662-21 | Sequence 21, Appli | 247 | 71 | 4.1 | 225 | 6 | US-10-517-939-172 | Sequence 172, App |
| 172 | 78.5 | 4.5 | 628 | 7 | US-11-024-959-416 | Sequence 416, App | 248 | 71 | 4.1 | 248 | 7 | US-11-054-515-1717 | Sequence 1717, Ap |
| 173 | 78 | 4.4 | 187 | 6 | US-10-055-877-296 | Sequence 296, App | 249 | 71 | 4.1 | 248 | 7 | US-11-054-515-1718 | Sequence 1718, Ap |
| 174 | 77.5 | 4.4 | 352 | 6 | US-10-517-939-226 | Sequence 226, App | 250 | 71 | 4.1 | 248 | 7 | US-11-054-515-1727 | Sequence 1727, Ap |
| 175 | 77.5 | 4.4 | | | | Sequence 226, App | 251 | 71 | 4.1 | 248 | 7 | US-11-054-515-1733 | Sequence 1733, Ap |

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|-----|------|-----|------|---|--------------------|--------------------|-----|------|-----|------|---|---------------------|-------------------|
| 252 | 71 | 4.1 | 248 | 7 | US-11-054-515-1734 | Sequence 1734, Ap | 325 | 68 | 3.9 | 844 | 7 | US-11-127-877-40 | Sequence 40, Appl |
| 253 | 71 | 4.1 | 248 | 7 | US-11-054-515-1741 | Sequence 1741, Ap | 326 | 68 | 3.9 | 943 | 7 | US-11-103-957-79 | Sequence 79, Appl |
| 254 | 71 | 4.1 | 248 | 7 | US-11-054-515-1879 | Sequence 1879, Ap | 327 | 68 | 3.9 | 2161 | 7 | US-11-126-313-31 | Sequence 31, Appl |
| 255 | 71 | 4.1 | 254 | 6 | US-10-485-517-208 | Sequence 208, App | 328 | 68 | 3.9 | 2759 | 6 | US-10-453-372-168 | Sequence 168, App |
| 256 | 71 | 4.1 | 258 | 6 | US-10-467-657-6726 | Sequence 6726, Ap | 329 | 67.5 | 3.9 | 130 | 7 | US-11-049-536-270 | Sequence 270, App |
| 257 | 71 | 4.1 | 348 | 6 | US-10-878-558A-111 | Sequence 111, App | 330 | 67.5 | 3.9 | 239 | 7 | US-11-170-653-40 | Sequence 40, Appl |
| 258 | 71 | 4.1 | 348 | 6 | US-10-517-939-300 | Sequence 300, App | 331 | 67.5 | 3.9 | 304 | 7 | US-11-033-039-824 | Sequence 824, App |
| 259 | 71 | 4.1 | 470 | 6 | US-11-024-959-297 | Sequence 297, App | 332 | 67.5 | 3.9 | 374 | 6 | US-10-467-657-3088 | Sequence 3088, Ap |
| 260 | 71 | 4.1 | 671 | 7 | US-11-150-883-6 | Sequence 6, Appli | 333 | 67.5 | 3.9 | 456 | 6 | US-10-641-678-51 | Sequence 51, Appl |
| 261 | 71 | 4.1 | 671 | 7 | US-11-150-887-6 | Sequence 6, Appli | 334 | 67.5 | 3.9 | 476 | 6 | US-11-052-554A-41 | Sequence 41, Appl |
| 262 | 71 | 4.1 | 686 | 7 | US-11-150-883-5 | Sequence 5, Appli | 335 | 67.5 | 3.9 | 586 | 7 | US-11-144-630-71 | Sequence 71, Appl |
| 263 | 71 | 4.1 | 686 | 7 | US-11-150-887-5 | Sequence 5, Appli | 336 | 67.5 | 3.9 | 771 | 6 | US-10-821-234-1271 | Sequence 1271, Ap |
| 264 | 71 | 4.1 | 2880 | 7 | US-11-022-562-211 | Sequence 211, App | 337 | 67.5 | 3.9 | 3567 | 6 | US-10-453-372-1112 | Sequence 1112, Ap |
| 265 | 70.5 | 4.0 | 316 | 7 | US-11-032-797-4 | Sequence 4, Appli | 338 | 67 | 3.8 | 201 | 7 | US-11-170-653-23 | Sequence 23, Appl |
| 266 | 70.5 | 4.0 | 316 | 7 | US-11-238-266-2 | Sequence 2, Appli | 339 | 67 | 3.8 | 228 | 7 | US-11-170-653-39 | Sequence 39, Appl |
| 267 | 70.5 | 4.0 | 483 | 7 | US-11-113-775A-2 | Sequence 2, Appli | 340 | 67 | 3.8 | 249 | 6 | US-11-054-515-1305 | Sequence 1305, Ap |
| 268 | 70.5 | 4.0 | 483 | 7 | US-11-113-799-2 | Sequence 2, Appli | 341 | 67 | 3.8 | 360 | 6 | US-10-517-939-218 | Sequence 218, App |
| 269 | 70.5 | 4.0 | 485 | 6 | US-10-630-203-12 | Sequence 12, Appli | 342 | 67 | 3.8 | 381 | 6 | US-10-641-678-74 | Sequence 74, Appl |
| 270 | 70.5 | 4.0 | 485 | 7 | US-11-113-775A-3 | Sequence 3, Appli | 343 | 67 | 3.8 | 405 | 6 | US-10-467-657-2310 | Sequence 2310, Ap |
| 271 | 70.5 | 4.0 | 485 | 7 | US-11-113-799-3 | Sequence 3, Appli | 344 | 67 | 3.8 | 441 | 6 | US-10-995-561-638 | Sequence 638, App |
| 272 | 70.5 | 4.0 | 512 | 7 | US-11-102-188-5 | Sequence 5, Appli | 345 | 67 | 3.8 | 441 | 6 | US-10-995-561-639 | Sequence 639, App |
| 273 | 70.5 | 4.0 | 750 | 7 | US-11-089-551A-32 | Sequence 32, Appl | 346 | 67 | 3.8 | 441 | 7 | US-11-108-519-14 | Sequence 14, Appl |
| 274 | 70.5 | 4.0 | 928 | 6 | US-10-880-144-4 | Sequence 4, Appli | 347 | 67 | 3.8 | 456 | 7 | US-11-112-882-17 | Sequence 17, Appl |
| 275 | 70.5 | 4.0 | 995 | 7 | US-11-113-424-62 | Sequence 62, Appl | 348 | 67 | 3.8 | 648 | 6 | US-10-793-626-1060 | Sequence 1060, Ap |
| 276 | 70.5 | 4.0 | 1571 | 7 | US-11-052-554A-2 | Sequence 2, Appli | 349 | 67 | 3.8 | 725 | 7 | US-11-098-686-10189 | Sequence 10189, A |
| 277 | 70.5 | 4.0 | 3568 | 6 | US-10-453-372-194 | Sequence 194, App | 350 | 67 | 3.8 | 855 | 6 | US-11-024-959-506 | Sequence 506, App |
| 278 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-178 | Sequence 178, App | 351 | 66.5 | 3.8 | 826 | 6 | US-10-467-657-6038 | Sequence 6038, Ap |
| 279 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-196 | Sequence 196, App | 352 | 66.5 | 3.8 | 234 | 6 | US-10-467-657-430 | Sequence 430, App |
| 280 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-198 | Sequence 198, App | 353 | 66.5 | 3.8 | 237 | 7 | US-11-170-653-47 | Sequence 47, Appl |
| 281 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-200 | Sequence 200, App | 354 | 66.5 | 3.8 | 360 | 7 | US-11-064-246-7 | Sequence 7, Appli |
| 282 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-202 | Sequence 202, App | 355 | 66.5 | 3.8 | 400 | 6 | US-11-169-041-158 | Sequence 158, App |
| 283 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-204 | Sequence 204, App | 356 | 66.5 | 3.8 | 406 | 6 | US-10-453-372-188 | Sequence 188, App |
| 284 | 70.5 | 4.0 | 3570 | 6 | US-10-453-372-206 | Sequence 206, App | 357 | 66.5 | 3.8 | 444 | 7 | US-11-043-788-244 | Sequence 244, App |
| 285 | 70 | 4.0 | 248 | 7 | US-11-054-515-1719 | Sequence 1719, Ap | 358 | 66.5 | 3.8 | 477 | 7 | US-11-186-284-137 | Sequence 137, App |
| 286 | 70 | 4.0 | 248 | 7 | US-11-054-515-1728 | Sequence 1728, Ap | 359 | 66.5 | 3.8 | 477 | 7 | US-11-043-788-243 | Sequence 243, App |
| 287 | 70 | 4.0 | 248 | 7 | US-11-054-515-1732 | Sequence 1732, Ap | 360 | 66.5 | 3.8 | 485 | 6 | US-10-630-203-2 | Sequence 2, Appli |
| 288 | 70 | 4.0 | 248 | 7 | US-11-054-515-1737 | Sequence 1737, Ap | 361 | 66.5 | 3.8 | 485 | 7 | US-11-103-037-1 | Sequence 1, Appli |
| 289 | 70 | 4.0 | 259 | 6 | US-10-495-662-23 | Sequence 23, Appl | 362 | 66.5 | 3.8 | 485 | 7 | US-11-195-538-1 | Sequence 1, Appli |
| 290 | 70 | 4.0 | 346 | 6 | US-10-517-939-170 | Sequence 170, App | 363 | 66.5 | 3.8 | 755 | 7 | US-11-037-243-82 | Sequence 82, Appl |
| 291 | 70 | 4.0 | 527 | 7 | US-11-010-239-46 | Sequence 46, Appl | 364 | 66.5 | 3.8 | 944 | 7 | US-11-057-058-68 | Sequence 68, Appl |
| 292 | 70 | 4.0 | 531 | 7 | US-11-010-239-32 | Sequence 32, Appl | 365 | 66.5 | 3.8 | 1016 | 7 | US-11-103-957-41 | Sequence 41, Appl |
| 293 | 70 | 4.0 | 560 | 7 | US-11-131-479-22 | Sequence 22, Appl | 366 | 66 | 3.8 | 119 | 6 | US-10-925-366A-210 | Sequence 210, App |
| 294 | 70 | 4.0 | 1417 | 7 | US-11-052-554A-8 | Sequence 8, Appli | 367 | 66 | 3.8 | 227 | 7 | US-11-170-653-27 | Sequence 27, Appl |
| 295 | 69.5 | 4.0 | 232 | 6 | US-10-467-657-5652 | Sequence 5652, Ap | 368 | 66 | 3.8 | 314 | 5 | US-09-978-360A-478 | Sequence 478, App |
| 296 | 69.5 | 4.0 | 348 | 6 | US-10-517-939-166 | Sequence 166, App | 369 | 66 | 3.8 | 360 | 6 | US-10-517-939-184 | Sequence 184, App |
| 297 | 69.5 | 4.0 | 354 | 6 | US-10-517-939-200 | Sequence 200, App | 370 | 66 | 3.8 | 466 | 7 | US-11-156-084-42 | Sequence 42, Appl |
| 298 | 69.5 | 4.0 | 378 | 6 | US-10-517-939-256 | Sequence 256, App | 371 | 66 | 3.8 | 558 | 7 | US-11-133-360-19 | Sequence 19, Appl |
| 299 | 69.5 | 4.0 | 400 | 6 | US-10-793-626-2774 | Sequence 2774, Ap | 372 | 66 | 3.8 | 558 | 7 | US-11-133-346-19 | Sequence 19, Appl |
| 300 | 69.5 | 4.0 | 512 | 6 | US-10-821-234-1032 | Sequence 1032, Ap | 373 | 66 | 3.8 | 702 | 7 | US-11-098-686-10194 | Sequence 10194, A |
| 301 | 69.5 | 4.0 | 747 | 6 | US-11-137-465-51 | Sequence 51, Appl | 374 | 66 | 3.8 | 886 | 6 | US-10-873-528-126 | Sequence 126, App |
| 302 | 69.5 | 4.0 | 753 | 7 | US-11-137-465-51 | Sequence 51, Appl | 375 | 66 | 3.8 | 980 | 7 | US-11-052-554A-17 | Sequence 17, Appl |
| 303 | 69.5 | 4.0 | 2871 | 7 | US-11-169-041-131 | Sequence 131, App | 376 | 66 | 3.8 | 1386 | 7 | US-11-091-643-6 | Sequence 6, Appli |
| 304 | 69.5 | 4.0 | 3002 | 6 | US-10-821-234-916 | Sequence 916, App | 377 | 66 | 3.8 | 2204 | 7 | US-11-052-554A-134 | Sequence 134, App |
| 305 | 69 | 3.9 | 188 | 6 | US-10-495-662-25 | Sequence 25, Appl | 378 | 66 | 3.8 | 4544 | 7 | US-11-076-427A-32 | Sequence 32, Appl |
| 306 | 69 | 3.9 | 196 | 7 | US-11-214-796-6 | Sequence 6, Appli | 379 | 65.5 | 3.7 | 225 | 7 | US-11-170-653-24 | Sequence 24, Appl |
| 307 | 69 | 3.9 | 258 | 6 | US-10-495-662-24 | Sequence 24, Appl | 380 | 65.5 | 3.7 | 313 | 7 | US-11-153-569-13 | Sequence 13, Appl |
| 308 | 69 | 3.9 | 497 | 6 | US-10-641-678-24 | Sequence 24, Appl | 381 | 65.5 | 3.7 | 317 | 7 | US-11-136-079-2 | Sequence 2, Appli |
| 309 | 69 | 3.9 | 501 | 6 | US-10-630-203-25 | Sequence 25, Appl | 382 | 65.5 | 3.7 | 342 | 6 | US-10-517-939-220 | Sequence 220, App |
| 310 | 69 | 3.9 | 769 | 6 | US-10-485-517-401 | Sequence 401, App | 383 | 65.5 | 3.7 | 360 | 7 | US-11-108-528-6 | Sequence 6, Appli |
| 311 | 68.5 | 3.9 | 300 | 7 | US-11-006-119-31 | Sequence 31, Appl | 384 | 65.5 | 3.7 | 406 | 6 | US-11-131-479-18 | Sequence 18, Appl |
| 312 | 68.5 | 3.9 | 382 | 7 | US-11-234-786-108 | Sequence 108, App | 385 | 65.5 | 3.7 | 429 | 6 | US-10-967-457-74 | Sequence 74, Appl |
| 313 | 68.5 | 3.9 | 411 | 6 | US-11-024-959-330 | Sequence 330, App | 386 | 65.5 | 3.7 | 429 | 7 | US-11-000-463-302 | Sequence 302, App |
| 314 | 68.5 | 3.9 | 438 | 6 | US-10-641-678-49 | Sequence 49, Appl | 387 | 65.5 | 3.7 | 429 | 7 | US-11-000-463-774 | Sequence 774, App |
| 315 | 68.5 | 3.9 | 534 | 6 | US-10-646-283-2 | Sequence 2, Appli | 388 | 65.5 | 3.7 | 459 | 7 | US-11-156-084-247 | Sequence 247, App |
| 316 | 68.5 | 3.9 | 615 | 7 | US-11-136-244-13 | Sequence 13, Appl | 389 | 65.5 | 3.7 | 463 | 7 | US-11-156-084-32 | Sequence 32, Appl |
| 317 | 68.5 | 3.9 | 690 | 7 | US-11-052-554A-232 | Sequence 232, App | 390 | 65.5 | 3.7 | 463 | 7 | US-11-156-084-41 | Sequence 41, Appl |
| 318 | 68.5 | 3.9 | 901 | 6 | US-10-793-626-342 | Sequence 342, App | 391 | 65.5 | 3.7 | 463 | 7 | US-11-156-084-242 | Sequence 242, App |
| 319 | 68 | 3.9 | 185 | 6 | US-10-467-657-7444 | Sequence 7444, Ap | 392 | 65.5 | 3.7 | 627 | 6 | US-10-493-909-47 | Sequence 47, Appl |
| 320 | 68 | 3.9 | 185 | 6 | US-10-467-657-8272 | Sequence 8272, Ap | 393 | 65.5 | 3.7 | 913 | 7 | US-11-024-958-365 | Sequence 365, App |
| 321 | 68 | 3.9 | 340 | 6 | US-10-873-528-188 | Sequence 188, App | 394 | 65.5 | 3.7 | 966 | 7 | US-11-057-058-67 | Sequence 67, Appl |
| 322 | 68 | 3.9 | 416 | 6 | US-10-641-678-73 | Sequence 73, Appl | 395 | 65.5 | 3.7 | 1227 | 6 | US-10-793-626-96 | Sequence 96, Appl |
| 323 | 68 | 3.9 | 427 | 7 | US-11-112-882-1 | Sequence 1, Appli | 396 | 65.5 | 3.7 | 1627 | 6 | US-10-821-234-1283 | Sequence 1283, Ap |
| 324 | 68 | 3.9 | 585 | 7 | US-11-074-176-190 | Sequence 190, App | 397 | 65 | 3.7 | 216 | 6 | US-10-793-626-2654 | Sequence 2654, Ap |

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|-----|------|-----|------|---|---------------------|--------------------|-----|------|-----|------|---|---------------------|---------------------|
| 398 | 65 | 3.7 | 249 | 7 | US-11-010-239-107 | Sequence 107, App | 472 | 63.5 | 3.6 | 3588 | 6 | US-10-995-561-672 | Sequence 672, App |
| 399 | 65 | 3.7 | 398 | 6 | US-10-467-657-5642 | Sequence 5642, App | 473 | 63.5 | 3.6 | 4346 | 6 | US-10-995-561-671 | Sequence 671, App |
| 400 | 65 | 3.7 | 432 | 7 | US-11-098-686-10417 | Sequence 10417, A | 474 | 63.5 | 3.6 | 4347 | 6 | US-10-995-561-670 | Sequence 670, App |
| 401 | 65 | 3.7 | 451 | 6 | US-10-641-678-56 | Sequence 56, Appl | 475 | 63.5 | 3.6 | 4390 | 7 | US-11-199-041-169 | Sequence 169, App |
| 402 | 65 | 3.7 | 451 | 6 | US-10-641-678-57 | Sequence 57, Appl | 476 | 63.5 | 3.6 | 4419 | 6 | US-10-821-234-1155 | Sequence 1155, App |
| 403 | 65 | 3.7 | 509 | 6 | US-10-793-626-98 | Sequence 98, Appl | 477 | 63 | 3.6 | 123 | 6 | US-10-982-440-3 | Sequence 3, Appl |
| 404 | 65 | 3.7 | 532 | 7 | US-11-094-917-45 | Sequence 45, Appl | 478 | 63 | 3.6 | 139 | 6 | US-11-226-325-40 | Sequence 40, Appl |
| 405 | 65 | 3.7 | 668 | 7 | US-11-052-554A-104 | Sequence 104, App | 479 | 63 | 3.6 | 143 | 7 | US-11-049-536-28 | Sequence 28, Appl |
| 406 | 65 | 3.7 | 696 | 7 | US-11-029-003-8 | Sequence 8, Appl | 480 | 63 | 3.6 | 162 | 6 | US-10-467-657-6218 | Sequence 6218, App |
| 407 | 65 | 3.7 | 717 | 7 | US-11-010-239-111 | Sequence 111, App | 481 | 63 | 3.6 | 214 | 7 | US-11-052-554A-54 | Sequence 54, Appl |
| 408 | 65 | 3.7 | 1172 | 7 | US-11-186-284-203 | Sequence 203, App | 482 | 63 | 3.6 | 227 | 7 | US-11-170-553-22 | Sequence 22, Appl |
| 409 | 65 | 3.7 | 1367 | 6 | US-10-995-561-538 | Sequence 538, App | 483 | 63 | 3.6 | 248 | 7 | US-11-054-515-1476 | Sequence 1476, App |
| 410 | 65 | 3.7 | 1367 | 6 | US-11-113-202-18 | Sequence 18, App | 484 | 63 | 3.6 | 257 | 7 | US-11-054-515-1816 | Sequence 1816, App |
| 411 | 65 | 3.7 | 1368 | 6 | US-10-995-561-539 | Sequence 539, App | 485 | 63 | 3.6 | 257 | 7 | US-11-054-515-1033 | Sequence 1033, App |
| 412 | 65 | 3.7 | 2204 | 7 | US-11-052-554A-174 | Sequence 174, App | 486 | 63 | 3.6 | 355 | 6 | US-10-517-939-206 | Sequence 206, App |
| 413 | 65 | 3.7 | 4655 | 6 | US-10-995-561-556 | Sequence 556, App | 487 | 63 | 3.6 | 361 | 6 | US-10-517-939-212 | Sequence 212, App |
| 414 | 64.5 | 3.7 | 331 | 6 | US-10-467-657-2646 | Sequence 2646, App | 488 | 63 | 3.6 | 513 | 6 | US-10-641-678-66 | Sequence 66, Appl |
| 415 | 64.5 | 3.7 | 331 | 6 | US-11-054-515-1509 | Sequence 1509, App | 489 | 63 | 3.6 | 550 | 6 | US-10-467-657-924 | Sequence 924, App |
| 416 | 64.5 | 3.7 | 552 | 7 | US-11-098-686-10414 | Sequence 10414, A | 490 | 63 | 3.6 | 550 | 6 | US-10-467-657-924 | Sequence 924, App |
| 417 | 64.5 | 3.7 | 605 | 7 | US-11-046-653-3 | Sequence 3, Appl | 491 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 418 | 64.5 | 3.7 | 872 | 6 | US-10-467-657-78 | Sequence 78, Appl | 492 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 419 | 64.5 | 3.7 | 886 | 6 | US-10-467-657-4544 | Sequence 4544, App | 493 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 420 | 64.5 | 3.7 | 890 | 7 | US-11-106-623-28 | Sequence 28, App | 494 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 421 | 64.5 | 3.7 | 929 | 6 | US-10-467-657-5656 | Sequence 5656, App | 495 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 422 | 64.5 | 3.7 | 1006 | 6 | US-10-467-657-8400 | Sequence 8400, App | 496 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 423 | 64.5 | 3.7 | 1170 | 6 | US-10-831-997-2 | Sequence 2, Appl | 497 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 424 | 64.5 | 3.7 | 1170 | 6 | US-10-995-561-594 | Sequence 594, App | 498 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 425 | 64.5 | 3.7 | 1170 | 6 | US-10-995-561-595 | Sequence 595, App | 499 | 63 | 3.6 | 826 | 6 | US-10-453-372-118 | Sequence 118, App |
| 426 | 64.5 | 3.7 | 1170 | 6 | US-10-995-561-596 | Sequence 596, App | 500 | 63 | 3.6 | 2733 | 6 | US-10-453-372-120 | Sequence 120, App |
| 427 | 64.5 | 3.7 | 1170 | 6 | US-11-046-456-28 | Sequence 28, App | 501 | 63 | 3.6 | 2733 | 6 | US-10-453-372-120 | Sequence 120, App |
| 428 | 64.5 | 3.7 | 1170 | 7 | US-11-046-644-28 | Sequence 28, Appl | 502 | 63 | 3.6 | 2733 | 6 | US-10-453-372-120 | Sequence 120, App |
| 429 | 64 | 3.7 | 117 | 7 | US-11-127-903-42 | Sequence 42, Appl | 503 | 63 | 3.6 | 2733 | 6 | US-10-453-372-120 | Sequence 120, App |
| 430 | 64 | 3.7 | 189 | 7 | US-11-043-788-33 | Sequence 33, Appl | 504 | 63 | 3.6 | 3194 | 7 | US-11-052-554A-90 | Sequence 90, Appl |
| 431 | 64 | 3.7 | 242 | 7 | US-11-043-788-32 | Sequence 32, Appl | 505 | 63 | 3.6 | 211 | 6 | US-10-517-939-198 | Sequence 198, App |
| 432 | 64 | 3.7 | 244 | 7 | US-11-054-515-1692 | Sequence 1692, App | 506 | 63 | 3.6 | 242 | 7 | US-11-170-653-41 | Sequence 41, Appl |
| 433 | 64 | 3.7 | 248 | 7 | US-11-054-515-970 | Sequence 970, App | 507 | 63 | 3.6 | 251 | 7 | US-11-054-515-976 | Sequence 976, App |
| 434 | 64 | 3.7 | 251 | 7 | US-11-054-515-1671 | Sequence 1671, App | 508 | 63 | 3.6 | 251 | 7 | US-11-054-515-976 | Sequence 976, App |
| 435 | 64 | 3.7 | 254 | 7 | US-11-054-515-1973 | Sequence 1973, App | 509 | 63 | 3.6 | 335 | 7 | US-11-054-515-979 | Sequence 979, App |
| 436 | 64 | 3.7 | 334 | 6 | US-10-895-064-25 | Sequence 25, Appl | 510 | 63 | 3.6 | 388 | 6 | US-10-467-657-1864 | Sequence 1864, App |
| 437 | 64 | 3.7 | 360 | 6 | US-10-467-657-5722 | Sequence 5722, App | 511 | 62.5 | 3.6 | 442 | 6 | US-10-873-528-121 | Sequence 121, App |
| 438 | 64 | 3.7 | 376 | 6 | US-10-467-657-5722 | Sequence 5722, App | 512 | 62.5 | 3.6 | 442 | 6 | US-10-873-528-121 | Sequence 121, App |
| 439 | 64 | 3.7 | 435 | 7 | US-11-043-788-31 | Sequence 31, Appl | 513 | 62.5 | 3.6 | 485 | 7 | US-11-103-037-7 | Sequence 7, Appl |
| 440 | 64 | 3.7 | 514 | 6 | US-10-641-678-67 | Sequence 67, Appl | 514 | 62.5 | 3.6 | 535 | 6 | US-10-641-678-53 | Sequence 53, Appl |
| 441 | 64 | 3.7 | 610 | 7 | US-11-043-788-30 | Sequence 30, Appl | 515 | 62.5 | 3.6 | 535 | 6 | US-10-510-386-240 | Sequence 240, App |
| 442 | 64 | 3.7 | 643 | 7 | US-11-054-281-113 | Sequence 113, App | 516 | 62.5 | 3.6 | 614 | 7 | US-11-052-554A-44 | Sequence 44, Appl |
| 443 | 64 | 3.7 | 702 | 6 | US-10-510-386-214 | Sequence 214, App | 517 | 62.5 | 3.6 | 702 | 6 | US-10-957-880-2 | Sequence 2, Appl |
| 444 | 64 | 3.7 | 1140 | 6 | US-10-055-877-215 | Sequence 215, App | 518 | 62.5 | 3.6 | 750 | 7 | US-11-073-347-1 | Sequence 1, Appl |
| 445 | 64 | 3.7 | 1207 | 6 | US-10-755-092-7 | Sequence 7, Appl | 519 | 62.5 | 3.6 | 750 | 7 | US-11-155-288-4 | Sequence 4, Appl |
| 446 | 64 | 3.7 | 1263 | 6 | US-10-485-517-127 | Sequence 127, App | 520 | 62.5 | 3.6 | 897 | 6 | US-11-202-516-2 | Sequence 2, Appl |
| 447 | 64 | 3.7 | 1308 | 7 | US-11-113-202-16 | Sequence 16, App | 521 | 62.5 | 3.6 | 897 | 6 | US-10-517-939-258 | Sequence 258, App |
| 448 | 64 | 3.7 | 1742 | 7 | US-11-182-016-23 | Sequence 23, App | 522 | 62.5 | 3.6 | 1604 | 7 | US-11-037-243-73 | Sequence 73, Appl |
| 449 | 64 | 3.7 | 2367 | 7 | US-11-051-453-42 | Sequence 42, Appl | 523 | 62.5 | 3.6 | 1736 | 7 | US-11-124-368A-329 | Sequence 329, App |
| 450 | 64 | 3.7 | 2367 | 6 | US-10-834-397-26 | Sequence 26, Appl | 524 | 62 | 3.5 | 139 | 7 | US-11-226-325-38 | Sequence 38, Appl |
| 451 | 63.5 | 3.6 | 119 | 7 | US-11-090-878-54 | Sequence 54, App | 525 | 62 | 3.5 | 158 | 7 | US-11-108-172-1070 | Sequence 1070, App |
| 452 | 63.5 | 3.6 | 197 | 7 | US-11-090-878-54 | Sequence 54, App | 526 | 62 | 3.5 | 158 | 7 | US-11-108-172-1077 | Sequence 1077, App |
| 453 | 63.5 | 3.6 | 213 | 6 | US-10-517-939-230 | Sequence 230, App | 527 | 62 | 3.5 | 158 | 7 | US-11-108-172-1078 | Sequence 1078, App |
| 454 | 63.5 | 3.6 | 213 | 6 | US-10-517-939-302 | Sequence 302, App | 528 | 62 | 3.5 | 158 | 7 | US-11-108-172-1078 | Sequence 1078, App |
| 455 | 63.5 | 3.6 | 254 | 7 | US-11-054-515-1866 | Sequence 1866, App | 529 | 62 | 3.5 | 158 | 7 | US-11-108-172-1079 | Sequence 1079, App |
| 456 | 63.5 | 3.6 | 471 | 6 | US-10-858-730-126 | Sequence 126, App | 530 | 62 | 3.5 | 158 | 7 | US-11-133-465A-2 | Sequence 2, Appl |
| 457 | 63.5 | 3.6 | 491 | 7 | US-10-467-657-5002 | Sequence 5002, App | 531 | 62 | 3.5 | 222 | 6 | US-10-517-939-168 | Sequence 168, App |
| 458 | 63.5 | 3.6 | 497 | 7 | US-11-143-462-11 | Sequence 11, Appl | 532 | 62 | 3.5 | 236 | 7 | US-11-170-653-46 | Sequence 46, Appl |
| 459 | 63.5 | 3.6 | 497 | 7 | US-11-049-536-163 | Sequence 163, App | 533 | 62 | 3.5 | 244 | 7 | US-11-054-515-1594 | Sequence 1594, App |
| 460 | 63.5 | 3.6 | 512 | 6 | US-10-517-939-236 | Sequence 236, App | 534 | 62 | 3.5 | 294 | 7 | US-11-052-554A-227 | Sequence 227, App |
| 461 | 63.5 | 3.6 | 524 | 6 | US-10-467-657-8258 | Sequence 8258, App | 535 | 62 | 3.5 | 303 | 6 | US-10-517-939-214 | Sequence 214, App |
| 462 | 63.5 | 3.6 | 627 | 7 | US-11-130-559-4 | Sequence 4, Appl | 536 | 62 | 3.5 | 391 | 7 | US-11-069-642-17 | Sequence 17, Appl |
| 463 | 63.5 | 3.6 | 647 | 7 | US-11-144-630-14 | Sequence 14, Appl | 537 | 62 | 3.5 | 502 | 6 | US-11-098-686-10506 | Sequence 10506, App |
| 464 | 63.5 | 3.6 | 823 | 6 | US-10-453-372-122 | Sequence 122, App | 538 | 62 | 3.5 | 520 | 6 | US-11-033-039-1312 | Sequence 1312, App |
| 465 | 63.5 | 3.6 | 823 | 6 | US-10-453-372-124 | Sequence 124, App | 539 | 62 | 3.5 | 520 | 6 | US-11-033-039-1312 | Sequence 1312, App |
| 466 | 63.5 | 3.6 | 863 | 7 | US-11-097-749-2 | Sequence 2, Appl | 540 | 62 | 3.5 | 594 | 6 | US-10-997-247-2 | Sequence 2, Appl |
| 467 | 63.5 | 3.6 | 1027 | 6 | US-10-793-626-3106 | Sequence 3106, App | 541 | 62 | 3.5 | 594 | 6 | US-11-130-553-2 | Sequence 2, Appl |
| 468 | 63.5 | 3.6 | 1210 | 6 | US-10-624-932-26 | Sequence 26, App | 542 | 62 | 3.5 | 648 | 6 | US-10-661-966-16 | Sequence 16, Appl |
| 469 | 63.5 | 3.6 | 1827 | 7 | US-11-057-058-62 | Sequence 62, Appl | 543 | 62 | 3.5 | 651 | 6 | US-10-517-939-268 | Sequence 268, App |
| 470 | 63.5 | 3.6 | 2724 | 6 | US-10-453-372-148 | Sequence 148, App | 544 | 62 | 3.5 | 660 | 6 | US-10-517-939-354 | Sequence 354, App |
| 471 | 63.5 | 3.6 | 2765 | 6 | US-10-453-372-116 | Sequence 116, App | | | | | | | |

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|-----|------|-----|------|---|---------------------|-------------------|-----|------|-----|------|---|---------------------|-------------------|
| 545 | 62 | 3.5 | 755 | 6 | US-10-517-939-330 | Sequence 330, App | 618 | 60.5 | 3.5 | 1035 | 6 | US-10-995-561-557 | Sequence 557, App |
| 546 | 62 | 3.5 | 760 | 7 | US-11-052-554A-68 | Sequence 68, Appl | 619 | 60.5 | 3.5 | 1213 | 7 | US-11-039-398-14 | Sequence 14, Appl |
| 547 | 62 | 3.5 | 765 | 7 | US-11-037-243-80 | Sequence 80, Appl | 620 | 60.5 | 3.5 | 1216 | 7 | US-11-039-398-12 | Sequence 12, Appl |
| 548 | 62 | 3.5 | 805 | 7 | US-11-074-176-172 | Sequence 172, App | 621 | 60.5 | 3.5 | 1219 | 7 | US-11-039-398-10 | Sequence 10, Appl |
| 549 | 62 | 3.5 | 807 | 7 | US-11-144-630-6 | Sequence 6, Appl | 622 | 60.5 | 3.5 | 1222 | 7 | US-11-039-398-8 | Sequence 8, Appl |
| 550 | 62 | 3.5 | 958 | 7 | US-11-207-626A-43 | Sequence 43, Appl | 623 | 60.5 | 3.5 | 1232 | 7 | US-11-039-398-18 | Sequence 18, Appl |
| 551 | 62 | 3.5 | 961 | 7 | US-11-113-424-35 | Sequence 35, Appl | 624 | 60.5 | 3.5 | 1235 | 7 | US-11-039-398-16 | Sequence 16, Appl |
| 552 | 62 | 3.5 | 1038 | 7 | US-11-107-028-1 | Sequence 1, Appl | 625 | 60.5 | 3.5 | 1249 | 7 | US-11-039-398-22 | Sequence 22, Appl |
| 553 | 62 | 3.5 | 1445 | 7 | US-11-169-041-181 | Sequence 181, App | 626 | 60.5 | 3.5 | 1252 | 7 | US-11-039-398-20 | Sequence 20, Appl |
| 554 | 62 | 3.5 | 1841 | 7 | US-11-057-058-63 | Sequence 63, Appl | 627 | 60.5 | 3.5 | 1263 | 7 | US-11-080-991-22 | Sequence 22, Appl |
| 555 | 62 | 3.5 | 3073 | 7 | US-11-143-980-50 | Sequence 50, Appl | 628 | 60.5 | 3.5 | 2221 | 7 | US-11-126-313-30 | Sequence 30, Appl |
| 556 | 61.5 | 3.5 | 120 | 6 | US-10-834-397-35 | Sequence 35, Appl | 629 | 60.5 | 3.5 | 2769 | 7 | US-11-113-424-14 | Sequence 14, Appl |
| 557 | 61.5 | 3.5 | 120 | 6 | US-10-834-397-57 | Sequence 57, Appl | 630 | 60 | 3.4 | 121 | 6 | US-10-982-440-19 | Sequence 19, Appl |
| 558 | 61.5 | 3.5 | 229 | 6 | US-10-467-657-6238 | Sequence 6238, Ap | 631 | 60 | 3.4 | 218 | 7 | US-11-143-980-33 | Sequence 33, Appl |
| 559 | 61.5 | 3.5 | 245 | 7 | US-11-032-797-2 | Sequence 2, Appl | 632 | 60 | 3.4 | 221 | 7 | US-11-170-653-44 | Sequence 44, Appl |
| 560 | 61.5 | 3.5 | 246 | 7 | US-11-054-515-1913 | Sequence 1913, Ap | 633 | 60 | 3.4 | 231 | 6 | US-10-454-437-414 | Sequence 414, App |
| 561 | 61.5 | 3.5 | 246 | 7 | US-11-054-515-1917 | Sequence 1917, Ap | 634 | 60 | 3.4 | 248 | 7 | US-11-052-554A-70 | Sequence 70, Appl |
| 562 | 61.5 | 3.5 | 252 | 7 | US-11-054-515-1656 | Sequence 1656, Ap | 635 | 60 | 3.4 | 250 | 7 | US-11-054-515-1601 | Sequence 1601, Ap |
| 563 | 61.5 | 3.5 | 354 | 7 | US-11-052-554A-156 | Sequence 156, App | 636 | 60 | 3.4 | 251 | 7 | US-11-054-515-1756 | Sequence 1756, Ap |
| 564 | 61.5 | 3.5 | 358 | 6 | US-10-525-674-24 | Sequence 24, Appl | 637 | 60 | 3.4 | 253 | 7 | US-11-054-515-1482 | Sequence 1482, Ap |
| 565 | 61.5 | 3.5 | 423 | 6 | US-10-641-678-48 | Sequence 48, Appl | 638 | 60 | 3.4 | 253 | 7 | US-11-054-515-1880 | Sequence 1880, Ap |
| 566 | 61.5 | 3.5 | 449 | 6 | US-10-878-556A-57 | Sequence 57, Appl | 639 | 60 | 3.4 | 254 | 7 | US-11-054-515-1699 | Sequence 1699, Ap |
| 567 | 61.5 | 3.5 | 473 | 6 | US-10-509-464-6 | Sequence 6, Appl | 640 | 60 | 3.4 | 255 | 7 | US-11-170-653-65 | Sequence 65, Appl |
| 568 | 61.5 | 3.5 | 514 | 6 | US-10-641-678-54 | Sequence 54, Appl | 641 | 60 | 3.4 | 257 | 7 | US-11-124-367A-399 | Sequence 399, App |
| 569 | 61.5 | 3.5 | 539 | 6 | US-10-467-657-3870 | Sequence 3870, Ap | 642 | 60 | 3.4 | 265 | 6 | US-10-467-657-1778 | Sequence 1778, Ap |
| 570 | 61.5 | 3.5 | 569 | 6 | US-10-512-184-66 | Sequence 66, Appl | 643 | 60 | 3.4 | 301 | 6 | US-10-512-184-37 | Sequence 37, Appl |
| 571 | 61.5 | 3.5 | 618 | 6 | US-10-512-184-48 | Sequence 48, Appl | 644 | 60 | 3.4 | 349 | 7 | US-11-182-946-13 | Sequence 13, Appl |
| 572 | 61.5 | 3.5 | 703 | 7 | US-11-052-554A-97 | Sequence 97, Appl | 645 | 60 | 3.4 | 353 | 6 | US-10-641-678-77 | Sequence 77, Appl |
| 573 | 61.5 | 3.5 | 744 | 7 | US-11-052-554A-94 | Sequence 94, Appl | 646 | 60 | 3.4 | 405 | 7 | US-11-089-551A-29 | Sequence 29, Appl |
| 574 | 61.5 | 3.5 | 987 | 7 | US-11-052-554A-153 | Sequence 153, App | 647 | 60 | 3.4 | 405 | 7 | US-11-089-551A-50 | Sequence 50, Appl |
| 575 | 61.5 | 3.5 | 1347 | 7 | US-11-091-643-20 | Sequence 20, Appl | 648 | 60 | 3.4 | 437 | 7 | US-11-098-686-10451 | Sequence 10451, A |
| 576 | 61.5 | 3.5 | 1437 | 7 | US-11-074-176-96 | Sequence 96, Appl | 649 | 60 | 3.4 | 465 | 7 | US-11-186-284-197 | Sequence 197, App |
| 577 | 61.5 | 3.5 | 1449 | 7 | US-11-052-554A-237 | Sequence 237, App | 650 | 60 | 3.4 | 488 | 6 | US-10-467-657-464 | Sequence 464, App |
| 578 | 61.5 | 3.5 | 1680 | 6 | US-10-517-939-362 | Sequence 362, App | 651 | 60 | 3.4 | 497 | 6 | US-10-641-678-10 | Sequence 10, Appl |
| 579 | 61 | 3.5 | 69 | 7 | US-11-090-878-62 | Sequence 62, Appl | 652 | 60 | 3.4 | 518 | 6 | US-10-517-939-66 | Sequence 66, Appl |
| 580 | 61 | 3.5 | 197 | 6 | US-10-485-517-359 | Sequence 359, App | 653 | 60 | 3.4 | 598 | 7 | US-11-090-878-10 | Sequence 10, Appl |
| 581 | 61 | 3.5 | 221 | 7 | US-11-170-653-20 | Sequence 20, Appl | 654 | 60 | 3.4 | 598 | 7 | US-11-090-878-12 | Sequence 12, Appl |
| 582 | 61 | 3.5 | 246 | 7 | US-11-054-515-1589 | Sequence 1589, Ap | 655 | 60 | 3.4 | 607 | 7 | US-11-167-856-16 | Sequence 16, Appl |
| 583 | 61 | 3.5 | 250 | 7 | US-11-054-515-1644 | Sequence 1644, Ap | 656 | 60 | 3.4 | 624 | 7 | US-11-090-878-4 | Sequence 4, Appl |
| 584 | 61 | 3.5 | 250 | 7 | US-11-054-515-1683 | Sequence 1683, Ap | 657 | 60 | 3.4 | 624 | 7 | US-11-090-878-6 | Sequence 6, Appl |
| 585 | 61 | 3.5 | 254 | 7 | US-11-054-515-1412 | Sequence 1412, Ap | 658 | 60 | 3.4 | 641 | 6 | US-10-821-234-1519 | Sequence 1519, Ap |
| 586 | 61 | 3.5 | 321 | 6 | US-10-329-258-18 | Sequence 18, Appl | 659 | 60 | 3.4 | 641 | 6 | US-10-491-036-189 | Sequence 189, App |
| 587 | 61 | 3.5 | 328 | 7 | US-11-140-625-6 | Sequence 6, Appl | 660 | 60 | 3.4 | 648 | 6 | US-10-661-966-12 | Sequence 12, Appl |
| 588 | 61 | 3.5 | 347 | 6 | US-10-517-939-196 | Sequence 196, App | 661 | 60 | 3.4 | 648 | 6 | US-10-661-966-17 | Sequence 17, Appl |
| 589 | 61 | 3.5 | 466 | 7 | US-11-052-554A-22 | Sequence 22, Appl | 662 | 60 | 3.4 | 648 | 7 | US-11-109-156-17 | Sequence 17, Appl |
| 590 | 61 | 3.5 | 467 | 6 | US-10-821-234-904 | Sequence 904, App | 663 | 60 | 3.4 | 785 | 7 | US-11-109-157A-6 | Sequence 6, Appl |
| 591 | 61 | 3.5 | 498 | 6 | US-10-510-947-9 | Sequence 9, Appl | 664 | 60 | 3.4 | 838 | 7 | US-11-052-554A-42 | Sequence 42, Appl |
| 592 | 61 | 3.5 | 576 | 6 | US-10-512-184-65 | Sequence 65, Appl | 665 | 60 | 3.4 | 886 | 6 | US-10-821-234-1129 | Sequence 129, App |
| 593 | 61 | 3.5 | 579 | 6 | US-10-821-234-1352 | Sequence 1352, Ap | 666 | 60 | 3.4 | 895 | 6 | US-10-485-517-129 | Sequence 129, App |
| 594 | 61 | 3.5 | 601 | 6 | US-10-467-657-7120 | Sequence 7120, Ap | 667 | 60 | 3.4 | 1049 | 7 | US-11-137-465-42 | Sequence 42, Appl |
| 595 | 61 | 3.5 | 609 | 6 | US-10-517-939-310 | Sequence 310, App | 668 | 60 | 3.4 | 1053 | 7 | US-11-052-554A-151 | Sequence 151, App |
| 596 | 61 | 3.5 | 615 | 6 | US-10-512-184-50 | Sequence 50, Appl | 669 | 60 | 3.4 | 1076 | 7 | US-11-109-157A-5 | Sequence 5, Appl |
| 597 | 61 | 3.5 | 625 | 7 | US-10-512-184-47 | Sequence 47, Appl | 670 | 60 | 3.4 | 1400 | 6 | US-10-821-234-1045 | Sequence 1045, Ap |
| 598 | 61 | 3.5 | 701 | 6 | US-11-052-554A-231 | Sequence 231, App | 671 | 60 | 3.4 | 2050 | 6 | US-10-453-372-132 | Sequence 192, App |
| 599 | 61 | 3.5 | 762 | 7 | US-11-116-939-13 | Sequence 13, Appl | 672 | 60 | 3.4 | 2902 | 7 | US-11-052-554A-91 | Sequence 91, Appl |
| 600 | 61 | 3.5 | 766 | 6 | US-10-522-789-2 | Sequence 2, Appl | 673 | 59.5 | 3.4 | 124 | 7 | US-11-040-159-6 | Sequence 6, Appl |
| 601 | 61 | 3.5 | 1620 | 6 | US-10-055-877-213 | Sequence 213, App | 674 | 59.5 | 3.4 | 190 | 7 | US-11-170-653-33 | Sequence 33, Appl |
| 602 | 61 | 3.5 | 1664 | 6 | US-10-055-877-212 | Sequence 212, App | 675 | 59.5 | 3.4 | 219 | 6 | US-10-867-589-2 | Sequence 2, Appl |
| 603 | 60.5 | 3.5 | 145 | 6 | US-10-467-657-2834 | Sequence 2824, Ap | 676 | 59.5 | 3.4 | 225 | 7 | US-11-170-653-36 | Sequence 36, Appl |
| 604 | 60.5 | 3.5 | 249 | 7 | US-11-054-515-699 | Sequence 699, App | 677 | 59.5 | 3.4 | 226 | 7 | US-11-133-465A-10 | Sequence 10, Appl |
| 605 | 60.5 | 3.5 | 253 | 7 | US-11-054-515-1298 | Sequence 1298, Ap | 678 | 59.5 | 3.4 | 240 | 7 | US-11-007-282-15 | Sequence 15, Appl |
| 606 | 60.5 | 3.5 | 258 | 6 | US-10-793-626-440 | Sequence 440, App | 679 | 59.5 | 3.4 | 247 | 7 | US-11-054-515-1423 | Sequence 1423, Ap |
| 607 | 60.5 | 3.5 | 301 | 7 | US-11-216-267-40 | Sequence 40, Appl | 680 | 59.5 | 3.4 | 258 | 7 | US-11-007-282-6 | Sequence 6, Appl |
| 608 | 60.5 | 3.5 | 309 | 7 | US-11-109-156-24 | Sequence 24, Appl | 681 | 59.5 | 3.4 | 343 | 7 | US-11-016-564-17 | Sequence 17, Appl |
| 609 | 60.5 | 3.5 | 309 | 7 | US-11-109-156-39 | Sequence 39, Appl | 682 | 59.5 | 3.4 | 347 | 6 | US-10-517-939-254 | Sequence 254, App |
| 610 | 60.5 | 3.5 | 362 | 7 | US-11-012-762-32 | Sequence 32, Appl | 683 | 59.5 | 3.4 | 354 | 7 | US-11-054-281-58 | Sequence 58, Appl |
| 611 | 60.5 | 3.5 | 400 | 6 | US-10-793-626-1056 | Sequence 1056, Ap | 684 | 59.5 | 3.4 | 360 | 7 | US-11-108-528-8 | Sequence 8, Appl |
| 612 | 60.5 | 3.5 | 404 | 7 | US-11-052-554A-344 | Sequence 344, App | 685 | 59.5 | 3.4 | 431 | 6 | US-10-995-561-807 | Sequence 807, App |
| 613 | 60.5 | 3.5 | 573 | 6 | US-10-525-710-36 | Sequence 36, Appl | 686 | 59.5 | 3.4 | 431 | 6 | US-10-995-561-808 | Sequence 808, App |
| 614 | 60.5 | 3.5 | 596 | 7 | US-11-082-389-420 | Sequence 420, App | 687 | 59.5 | 3.4 | 431 | 7 | US-11-186-284-161 | Sequence 161, App |
| 615 | 60.5 | 3.5 | 601 | 7 | US-11-098-686-10933 | Sequence 10933, A | 688 | 59.5 | 3.4 | 439 | 7 | US-11-093-814-2 | Sequence 2, Appl |
| 616 | 60.5 | 3.5 | 623 | 6 | US-10-873-528-88 | Sequence 88, Appl | 689 | 59.5 | 3.4 | 510 | 7 | US-11-093-814-1 | Sequence 1, Appl |
| 617 | 60.5 | 3.5 | 965 | 7 | US-11-113-424-2 | Sequence 2, Appl | 690 | 59.5 | 3.4 | 524 | 7 | US-11-024-959-378 | Sequence 378, App |

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|-----|------|-----|------|---|---------------------|-----|------|-----|------|---|---------------------|--------------------|
| 691 | 59.5 | 3.4 | 526 | 6 | US-10-997-697-28 | 766 | 58.5 | 3.3 | 540 | 6 | US-10-641-678-60 | Sequence 60, Appl |
| 693 | 59.5 | 3.4 | 780 | 6 | US-10-878-556A-197 | 767 | 58.5 | 3.3 | 542 | 6 | US-10-517-939-262 | Sequence 262, App |
| 694 | 59.5 | 3.4 | 814 | 6 | US-10-878-556A-161 | 768 | 58.5 | 3.3 | 544 | 7 | US-11-052-554A-358 | Sequence 358, App |
| 695 | 59.5 | 3.4 | 842 | 7 | US-11-038-284-38 | 769 | 58.5 | 3.3 | 638 | 6 | US-10-995-561-1025 | Sequence 1025, App |
| 696 | 59.5 | 3.4 | 907 | 7 | US-11-038-284-38 | 770 | 58.5 | 3.3 | 639 | 7 | US-11-189-301-20 | Sequence 20, Appl |
| 697 | 59.5 | 3.4 | 966 | 7 | US-11-054-281-72 | 771 | 58.5 | 3.3 | 697 | 6 | US-11-074-176-62 | Sequence 62, Appl |
| 698 | 59.5 | 3.4 | 988 | 7 | US-11-171-701-6 | 772 | 58.5 | 3.3 | 738 | 6 | US-10-517-939-344 | Sequence 344, App |
| 699 | 59.5 | 3.4 | 1007 | 6 | US-10-517-939-84 | 773 | 58.5 | 3.3 | 927 | 7 | US-11-189-301-10 | Sequence 10, Appl |
| 700 | 59.5 | 3.4 | 1128 | 7 | US-11-037-243-97 | 774 | 58.5 | 3.3 | 1160 | 6 | US-10-995-561-1019 | Sequence 1019, App |
| 701 | 59.5 | 3.4 | 1531 | 7 | US-11-037-243-97 | 775 | 58.5 | 3.3 | 1302 | 6 | US-10-995-561-1024 | Sequence 1024, App |
| 702 | 59.5 | 3.4 | 82 | 6 | US-10-821-234-1503 | 776 | 58.5 | 3.3 | 1306 | 6 | US-10-995-561-1027 | Sequence 1027, App |
| 703 | 59.5 | 3.4 | 92 | 6 | US-10-467-657-8742 | 777 | 58.5 | 3.3 | 1340 | 6 | US-11-070-575-6 | Sequence 6, Appl |
| 704 | 59.5 | 3.4 | 126 | 7 | US-11-049-536-422 | 778 | 58.5 | 3.3 | 1438 | 6 | US-10-511-559-73 | Sequence 73, Appl |
| 705 | 59.5 | 3.4 | 139 | 7 | US-11-226-325-42 | 779 | 58.5 | 3.3 | 1438 | 6 | US-10-766-317-2 | Sequence 2, Appl |
| 706 | 59.5 | 3.4 | 247 | 7 | US-11-054-515-878 | 780 | 58.5 | 3.3 | 1724 | 6 | US-11-169-041-193 | Sequence 193, App |
| 707 | 59.5 | 3.4 | 247 | 7 | US-11-054-515-1090 | 781 | 58.5 | 3.3 | 1822 | 6 | US-10-995-561-606 | Sequence 606, App |
| 708 | 59.5 | 3.4 | 247 | 7 | US-11-054-515-1099 | 782 | 58.5 | 3.3 | 2096 | 6 | US-10-995-561-608 | Sequence 608, App |
| 709 | 59.5 | 3.4 | 252 | 7 | US-11-054-515-1666 | 783 | 58.5 | 3.3 | 2351 | 6 | US-11-043-788-136 | Sequence 136, App |
| 710 | 59.5 | 3.4 | 271 | 6 | US-10-467-657-2266 | 784 | 58 | 3.3 | 2351 | 6 | US-11-000-463-866 | Sequence 866, App |
| 711 | 59.5 | 3.4 | 271 | 6 | US-11-089-551A-17 | 785 | 58 | 3.3 | 150 | 7 | US-11-000-463-867 | Sequence 867, App |
| 712 | 59.5 | 3.4 | 274 | 7 | US-11-098-686-10695 | 786 | 58 | 3.3 | 188 | 7 | US-11-000-463-867 | Sequence 867, App |
| 713 | 59.5 | 3.4 | 316 | 6 | US-10-467-657-2250 | 787 | 58 | 3.3 | 226 | 6 | US-11-170-653-21 | Sequence 21, Appl |
| 714 | 59.5 | 3.4 | 316 | 6 | US-10-467-657-2250 | 788 | 58 | 3.3 | 227 | 7 | US-11-083-055-2 | Sequence 2, Appl |
| 715 | 59.5 | 3.4 | 317 | 7 | US-11-052-554A-48 | 789 | 58 | 3.3 | 227 | 7 | US-11-150-883-12 | Sequence 12, Appl |
| 716 | 59.5 | 3.4 | 326 | 6 | US-10-793-626-3238 | 790 | 58 | 3.3 | 237 | 7 | US-11-054-515-1443 | Sequence 1443, App |
| 717 | 59.5 | 3.4 | 334 | 6 | US-10-714-887-46 | 791 | 58 | 3.3 | 242 | 7 | US-11-052-554A-342 | Sequence 342, App |
| 718 | 59.5 | 3.4 | 335 | 6 | US-10-517-939-232 | 792 | 58 | 3.3 | 247 | 7 | US-11-054-515-1598 | Sequence 1598, App |
| 719 | 59.5 | 3.4 | 358 | 6 | US-10-517-939-370 | 793 | 58 | 3.3 | 250 | 7 | US-10-632-150-40 | Sequence 40, Appl |
| 720 | 59.5 | 3.4 | 398 | 6 | US-10-467-657-2406 | 794 | 58 | 3.3 | 251 | 7 | US-11-073-457-40 | Sequence 40, Appl |
| 721 | 59.5 | 3.4 | 415 | 6 | US-10-714-887-252 | 795 | 58 | 3.3 | 257 | 7 | US-11-156-062-2 | Sequence 2, Appl |
| 722 | 59.5 | 3.4 | 486 | 6 | US-10-641-678-28 | 796 | 58 | 3.3 | 257 | 7 | US-11-156-062-6 | Sequence 6, Appl |
| 723 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-2 | 797 | 58 | 3.3 | 274 | 7 | US-11-156-062-8 | Sequence 8, Appl |
| 724 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-6 | 798 | 58 | 3.3 | 274 | 7 | US-11-156-062-10 | Sequence 10, Appl |
| 725 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-8 | 799 | 58 | 3.3 | 274 | 7 | US-11-156-062-12 | Sequence 12, Appl |
| 726 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-12 | 800 | 58 | 3.3 | 274 | 7 | US-11-156-062-14 | Sequence 14, Appl |
| 727 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-14 | 801 | 58 | 3.3 | 274 | 7 | US-11-156-062-18 | Sequence 18, Appl |
| 728 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-16 | 802 | 58 | 3.3 | 274 | 7 | US-11-020-602-5 | Sequence 5, Appl |
| 729 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-18 | 803 | 58 | 3.3 | 277 | 6 | US-10-714-887-274 | Sequence 274, App |
| 730 | 59.5 | 3.4 | 497 | 6 | US-10-641-678-26 | 804 | 58 | 3.3 | 278 | 6 | US-10-793-626-2208 | Sequence 2208, App |
| 731 | 59.5 | 3.4 | 513 | 6 | US-10-641-678-64 | 805 | 58 | 3.3 | 309 | 6 | US-10-714-887-42 | Sequence 42, Appl |
| 732 | 59.5 | 3.4 | 527 | 6 | US-10-821-234-1574 | 806 | 58 | 3.3 | 349 | 7 | US-11-108-528-44 | Sequence 44, Appl |
| 733 | 59.5 | 3.4 | 550 | 6 | US-10-878-556A-166 | 807 | 58 | 3.3 | 366 | 7 | US-11-043-788-139 | Sequence 139, App |
| 734 | 59.5 | 3.4 | 637 | 7 | US-11-098-686-10653 | 808 | 58 | 3.3 | 379 | 7 | US-11-156-062-23 | Sequence 23, Appl |
| 735 | 59.5 | 3.4 | 670 | 7 | US-11-150-883-55 | 809 | 58 | 3.3 | 406 | 7 | US-11-043-788-131 | Sequence 131, App |
| 736 | 59.5 | 3.4 | 685 | 7 | US-11-150-883-54 | 810 | 58 | 3.3 | 406 | 7 | US-11-189-120-6 | Sequence 6, Appl |
| 737 | 59.5 | 3.4 | 713 | 6 | US-10-453-372-48 | 811 | 58 | 3.3 | 497 | 6 | US-10-641-678-22 | Sequence 22, Appl |
| 738 | 59.5 | 3.4 | 952 | 7 | US-11-207-626A-45 | 812 | 58 | 3.3 | 510 | 6 | US-10-641-678-30 | Sequence 30, Appl |
| 739 | 59.5 | 3.4 | 2890 | 7 | US-11-115-639-31 | 813 | 58 | 3.3 | 513 | 6 | US-10-641-678-20 | Sequence 20, Appl |
| 740 | 59.5 | 3.4 | 2890 | 7 | US-11-115-639-32 | 814 | 58 | 3.3 | 586 | 7 | US-11-043-788-376 | Sequence 376, App |
| 741 | 59.5 | 3.4 | 2890 | 7 | US-11-115-639-33 | 815 | 58 | 3.3 | 603 | 7 | US-11-043-788-374 | Sequence 374, App |
| 742 | 59.5 | 3.4 | 3483 | 6 | US-11-115-639-33 | 816 | 58 | 3.3 | 613 | 6 | US-10-517-939-298 | Sequence 298, App |
| 743 | 59.5 | 3.4 | 3712 | 7 | US-10-453-372-40 | 817 | 58 | 3.3 | 628 | 7 | US-11-074-176-244 | Sequence 244, App |
| 744 | 59.5 | 3.4 | 3712 | 7 | US-11-019-711-48 | 818 | 58 | 3.3 | 685 | 7 | US-11-043-788-375 | Sequence 375, App |
| 745 | 59.5 | 3.4 | 3712 | 7 | US-11-019-711-51 | 819 | 58 | 3.3 | 690 | 7 | US-11-089-551A-2 | Sequence 2, Appl |
| 746 | 59.5 | 3.4 | 5291 | 7 | US-11-052-554A-281 | 820 | 58 | 3.3 | 702 | 7 | US-11-098-686-10811 | Sequence 10811, A |
| 747 | 58.5 | 3.3 | 180 | 6 | US-10-485-517-194 | 821 | 58 | 3.3 | 727 | 7 | US-11-043-788-371 | Sequence 371, App |
| 748 | 58.5 | 3.3 | 180 | 6 | US-10-485-517-194 | 822 | 58 | 3.3 | 727 | 7 | US-11-043-788-367 | Sequence 367, App |
| 749 | 58.5 | 3.3 | 214 | 6 | US-10-485-517-322 | 823 | 58 | 3.3 | 729 | 7 | US-11-043-788-368 | Sequence 368, App |
| 750 | 58.5 | 3.3 | 217 | 6 | US-11-170-653-60 | 824 | 58 | 3.3 | 736 | 7 | US-11-043-788-373 | Sequence 373, App |
| 751 | 58.5 | 3.3 | 221 | 7 | US-11-170-653-37 | 825 | 58 | 3.3 | 774 | 6 | US-10-055-877-191 | Sequence 191, App |
| 752 | 58.5 | 3.3 | 238 | 6 | US-10-485-517-191 | 826 | 58 | 3.3 | 774 | 6 | US-11-043-788-370 | Sequence 370, App |
| 753 | 58.5 | 3.3 | 252 | 7 | US-11-054-515-1617 | 827 | 58 | 3.3 | 809 | 6 | US-10-467-657-1106 | Sequence 1106, App |
| 754 | 58.5 | 3.3 | 254 | 7 | US-11-067-323-311 | 828 | 58 | 3.3 | 818 | 7 | US-11-037-243-111 | Sequence 111, Appl |
| 755 | 58.5 | 3.3 | 254 | 7 | US-11-067-323-311 | 829 | 58 | 3.3 | 1144 | 6 | US-10-467-962B-89 | Sequence 89, Appl |
| 756 | 58.5 | 3.3 | 259 | 6 | US-10-510-386-108 | 830 | 58 | 3.3 | 1211 | 7 | US-11-186-284-4 | Sequence 4, Appl |
| 757 | 58.5 | 3.3 | 273 | 6 | US-10-995-561-689 | 831 | 58 | 3.3 | 1359 | 7 | US-11-152-569-20 | Sequence 20, Appl |
| 758 | 58.5 | 3.3 | 275 | 6 | US-10-510-386-100 | 832 | 58 | 3.3 | | | | |
| 759 | 58.5 | 3.3 | 350 | 7 | US-11-024-959-379 | 833 | 58 | 3.3 | | | | |
| 760 | 58.5 | 3.3 | 374 | 7 | US-11-052-554A-256 | 834 | 58 | 3.3 | | | | |
| 761 | 58.5 | 3.3 | 385 | 7 | US-11-207-626A-25 | 835 | 58 | 3.3 | | | | |
| 762 | 58.5 | 3.3 | 421 | 7 | US-11-098-686-10215 | 836 | 58 | 3.3 | | | | |
| 763 | 58.5 | 3.3 | 436 | 6 | US-10-517-939-10 | 837 | 58 | 3.3 | | | | |
| 764 | 58.5 | 3.3 | 457 | 6 | US-11-169-041-212 | 838 | 58 | 3.3 | | | | |
| 765 | 58.5 | 3.3 | 525 | 6 | US-10-641-678-52 | | | | | | | |

| | | | | | | | | | | | | | |
|-----|------|-----|------|---|---------------------|-------------------|-----|------|-----|------|---|--------------------|--------------------|
| 839 | 58 | 3.3 | 2710 | 7 | US-11-051-453-41 | Sequence 41, Appl | 912 | 57 | 3.3 | 318 | 7 | US-11-186-284-69 | Sequence 69, Appl |
| 840 | 58 | 3.3 | 5405 | 7 | US-11-108-172-1116 | Sequence 1116, Ap | 913 | 57 | 3.3 | 350 | 7 | US-11-132-285-41 | Sequence 41, Appl |
| 841 | 57.5 | 3.3 | 132 | 6 | US-10-467-657-7752 | Sequence 7752, Ap | 914 | 57 | 3.3 | 376 | 7 | US-11-055-822-152 | Sequence 152, App |
| 842 | 57.5 | 3.3 | 186 | 6 | US-10-821-234-1324 | Sequence 1324, Ap | 915 | 57 | 3.3 | 396 | 7 | US-11-022-562-228 | Sequence 228, App |
| 843 | 57.5 | 3.3 | 247 | 7 | US-11-054-515-1770 | Sequence 1770, Ap | 916 | 57 | 3.3 | 408 | 6 | US-10-467-657-8004 | Sequence 8004, App |
| 844 | 57.5 | 3.3 | 249 | 7 | US-11-054-515-341 | Sequence 341, App | 917 | 57 | 3.3 | 433 | 6 | US-10-641-678-34 | Sequence 34, Appl |
| 845 | 57.5 | 3.3 | 250 | 7 | US-11-054-515-1581 | Sequence 1581, Ap | 918 | 57 | 3.3 | 435 | 6 | US-10-510-386-62 | Sequence 62, Appl |
| 846 | 57.5 | 3.3 | 254 | 7 | US-11-067-323-412 | Sequence 412, App | 919 | 57 | 3.3 | 435 | 6 | US-10-641-678-63 | Sequence 63, Appl |
| 847 | 57.5 | 3.3 | 257 | 7 | US-11-054-515-1553 | Sequence 1553, Ap | 920 | 57 | 3.3 | 493 | 6 | US-10-878-556A-65 | Sequence 65, Appl |
| 848 | 57.5 | 3.3 | 272 | 6 | US-10-793-626-520 | Sequence 520, App | 921 | 57 | 3.3 | 497 | 6 | US-10-454-437-410 | Sequence 410, App |
| 849 | 57.5 | 3.3 | 288 | 6 | US-10-467-657-2234 | Sequence 2234, Ap | 922 | 57 | 3.3 | 520 | 7 | US-11-052-554A-98 | Sequence 98, Appl |
| 850 | 57.5 | 3.3 | 315 | 6 | US-10-453-372-212 | Sequence 212, App | 923 | 57 | 3.3 | 526 | 6 | US-10-467-657-2186 | Sequence 2186, Ap |
| 851 | 57.5 | 3.3 | 316 | 6 | US-10-510-386-244 | Sequence 244, App | 924 | 57 | 3.3 | 536 | 6 | US-10-641-678-61 | Sequence 61, Appl |
| 852 | 57.5 | 3.3 | 327 | 7 | US-11-090-878-16 | Sequence 16, Appl | 925 | 57 | 3.3 | 552 | 6 | US-10-453-372-248 | Sequence 248, App |
| 853 | 57.5 | 3.3 | 355 | 7 | US-11-182-946-14 | Sequence 14, Appl | 926 | 57 | 3.3 | 619 | 7 | US-11-156-953-5 | Sequence 5, Appl |
| 854 | 57.5 | 3.3 | 373 | 6 | US-10-498-026-95 | Sequence 95, Appl | 927 | 57 | 3.3 | 628 | 7 | US-11-094-586-8 | Sequence 8, Appl |
| 855 | 57.5 | 3.3 | 374 | 6 | US-10-498-026-100 | Sequence 100, App | 928 | 57 | 3.3 | 671 | 6 | US-10-821-234-965 | Sequence 965, App |
| 856 | 57.5 | 3.3 | 418 | 6 | US-10-467-657-5788 | Sequence 5788, Ap | 929 | 57 | 3.3 | 691 | 6 | US-10-510-386-4 | Sequence 4, Appl |
| 857 | 57.5 | 3.3 | 497 | 6 | US-10-467-657-76 | Sequence 76, Appl | 930 | 57 | 3.3 | 693 | 6 | US-10-873-528-185 | Sequence 185, App |
| 858 | 57.5 | 3.3 | 510 | 6 | US-10-641-678-43 | Sequence 43, Appl | 931 | 57 | 3.3 | 760 | 6 | US-10-821-234-1141 | Sequence 1141, Ap |
| 859 | 57.5 | 3.3 | 523 | 6 | US-10-467-657-3914 | Sequence 3914, Ap | 932 | 57 | 3.3 | 1127 | 7 | US-10-858-730-13 | Sequence 13, Appl |
| 860 | 57.5 | 3.3 | 529 | 6 | US-10-897-981-8 | Sequence 8, Appl | 933 | 57 | 3.3 | 1207 | 7 | US-11-124-368A-263 | Sequence 263, App |
| 861 | 57.5 | 3.3 | 540 | 6 | US-10-641-678-44 | Sequence 44, Appl | 934 | 57 | 3.3 | 1348 | 7 | US-11-108-172-1095 | Sequence 1095, Ap |
| 862 | 57.5 | 3.3 | 563 | 6 | US-10-454-437-120 | Sequence 120, App | 935 | 57 | 3.3 | 2214 | 7 | US-11-080-991-94 | Sequence 94, Appl |
| 863 | 57.5 | 3.3 | 598 | 7 | US-11-090-878-8 | Sequence 8, Appl | 936 | 57 | 3.3 | 2523 | 7 | US-11-052-554A-143 | Sequence 143, App |
| 864 | 57.5 | 3.3 | 617 | 7 | US-11-090-878-2 | Sequence 2, Appl | 937 | 57 | 3.3 | 4495 | 6 | US-10-453-372-1002 | Sequence 1002, Ap |
| 865 | 57.5 | 3.3 | 624 | 7 | US-11-090-878-18 | Sequence 18, Appl | 938 | 56.5 | 3.2 | 119 | 7 | US-11-049-536-534 | Sequence 534, App |
| 866 | 57.5 | 3.3 | 632 | 7 | US-11-090-878-24 | Sequence 24, Appl | 939 | 56.5 | 3.2 | 124 | 6 | US-10-982-440-25 | Sequence 25, Appl |
| 867 | 57.5 | 3.3 | 647 | 7 | US-11-098-686-10286 | Sequence 10286, A | 940 | 56.5 | 3.2 | 125 | 7 | US-11-049-536-478 | Sequence 478, App |
| 868 | 57.5 | 3.3 | 668 | 6 | US-10-454-437-118 | Sequence 118, App | 941 | 56.5 | 3.2 | 126 | 7 | US-11-221-900-11 | Sequence 11, Appl |
| 869 | 57.5 | 3.3 | 799 | 7 | US-11-074-176-348 | Sequence 348, App | 942 | 56.5 | 3.2 | 182 | 7 | US-11-170-653-49 | Sequence 49, Appl |
| 870 | 57.5 | 3.3 | 865 | 7 | US-11-094-519A-41 | Sequence 41, Appl | 943 | 56.5 | 3.2 | 186 | 6 | US-10-467-657-7854 | Sequence 7854, Ap |
| 871 | 57.5 | 3.3 | 946 | 7 | US-11-207-626A-44 | Sequence 44, Appl | 944 | 56.5 | 3.2 | 210 | 6 | US-10-517-939-208 | Sequence 208, App |
| 872 | 57.5 | 3.3 | 964 | 7 | US-11-137-465-58 | Sequence 58, Appl | 945 | 56.5 | 3.2 | 232 | 6 | US-10-884-730-366 | Sequence 366, App |
| 873 | 57.5 | 3.3 | 965 | 7 | US-11-147-047-51 | Sequence 51, Appl | 946 | 56.5 | 3.2 | 247 | 7 | US-11-024-959-440 | Sequence 440, App |
| 874 | 57.5 | 3.3 | 967 | 6 | US-10-995-561-979 | Sequence 979, App | 947 | 56.5 | 3.2 | 249 | 7 | US-11-054-515-796 | Sequence 796, App |
| 875 | 57.5 | 3.3 | 967 | 6 | US-10-995-561-980 | Sequence 980, App | 948 | 56.5 | 3.2 | 250 | 7 | US-11-054-515-1851 | Sequence 1851, Ap |
| 876 | 57.5 | 3.3 | 967 | 7 | US-11-169-041-191 | Sequence 191, App | 949 | 56.5 | 3.2 | 251 | 7 | US-11-054-515-991 | Sequence 991, App |
| 877 | 57.5 | 3.3 | 970 | 7 | US-11-037-243-101 | Sequence 101, App | 950 | 56.5 | 3.2 | 252 | 6 | US-10-467-657-3128 | Sequence 3128, Ap |
| 878 | 57.5 | 3.3 | 999 | 6 | US-10-821-234-1251 | Sequence 1251, Ap | 951 | 56.5 | 3.2 | 254 | 7 | US-11-067-323-927 | Sequence 927, App |
| 879 | 57.5 | 3.3 | 1332 | 7 | US-11-091-643-18 | Sequence 18, Appl | 952 | 56.5 | 3.2 | 272 | 7 | US-11-037-243-99 | Sequence 99, Appl |
| 880 | 57.5 | 3.3 | 1436 | 7 | US-11-052-554A-140 | Sequence 140, App | 953 | 56.5 | 3.2 | 280 | 6 | US-10-873-528-49 | Sequence 49, Appl |
| 881 | 57.5 | 3.3 | 1454 | 7 | US-11-109-157A-2 | Sequence 2, Appl | 954 | 56.5 | 3.2 | 281 | 6 | US-10-467-657-8006 | Sequence 8006, Ap |
| 882 | 57.5 | 3.3 | 1607 | 7 | US-11-098-686-10178 | Sequence 10178, A | 955 | 56.5 | 3.2 | 301 | 6 | US-10-878-556A-8 | Sequence 8, Appl |
| 883 | 57.5 | 3.3 | 1686 | 7 | US-11-109-157A-1 | Sequence 1, Appl | 956 | 56.5 | 3.2 | 332 | 7 | US-10-873-528-190 | Sequence 190, App |
| 884 | 57.5 | 3.3 | 1686 | 7 | US-11-226-701-2 | Sequence 2, Appl | 957 | 56.5 | 3.2 | 347 | 7 | US-11-024-959-331 | Sequence 331, App |
| 885 | 57.5 | 3.3 | 2250 | 6 | US-10-922-232B-57 | Sequence 57, Appl | 958 | 56.5 | 3.2 | 361 | 7 | US-11-134-994-2 | Sequence 2, Appl |
| 886 | 57.5 | 3.3 | 2504 | 6 | US-10-647-956A-8 | Sequence 8, Appl | 959 | 56.5 | 3.2 | 366 | 7 | US-11-024-959-470 | Sequence 470, App |
| 887 | 57.5 | 3.3 | 4060 | 6 | US-10-922-232B-55 | Sequence 55, Appl | 960 | 56.5 | 3.2 | 399 | 7 | US-11-147-047-35 | Sequence 35, Appl |
| 888 | 57.5 | 3.3 | 6738 | 6 | US-10-922-232B-56 | Sequence 56, Appl | 961 | 56.5 | 3.2 | 400 | 7 | US-11-019-711-12 | Sequence 12, Appl |
| 889 | 57 | 3.3 | 128 | 7 | US-11-052-554A-244 | Sequence 244, App | 962 | 56.5 | 3.2 | 415 | 6 | US-10-467-657-7774 | Sequence 7774, Ap |
| 890 | 57 | 3.3 | 135 | 7 | US-11-108-172-203 | Sequence 203, App | 963 | 56.5 | 3.2 | 421 | 6 | US-10-793-626-1820 | Sequence 1820, Ap |
| 891 | 57 | 3.3 | 139 | 7 | US-11-226-325-36 | Sequence 36, Appl | 964 | 56.5 | 3.2 | 432 | 6 | US-10-517-939-178 | Sequence 178, App |
| 892 | 57 | 3.3 | 139 | 7 | US-11-226-325-50 | Sequence 50, Appl | 965 | 56.5 | 3.2 | 437 | 6 | US-10-467-657-5526 | Sequence 5526, Ap |
| 893 | 57 | 3.3 | 185 | 7 | US-11-170-653-1 | Sequence 1, Appl | 966 | 56.5 | 3.2 | 439 | 6 | US-10-895-861-38 | Sequence 38, Appl |
| 894 | 57 | 3.3 | 205 | 6 | US-10-793-626-3020 | Sequence 3020, Ap | 967 | 56.5 | 3.2 | 447 | 7 | US-11-156-084-43 | Sequence 43, Appl |
| 895 | 57 | 3.3 | 211 | 6 | US-11-170-653-18 | Sequence 18, Appl | 968 | 56.5 | 3.2 | 461 | 6 | US-10-858-730-62 | Sequence 62, Appl |
| 896 | 57 | 3.3 | 213 | 6 | US-10-517-939-188 | Sequence 188, App | 969 | 56.5 | 3.2 | 470 | 6 | US-10-793-626-1082 | Sequence 1082, Ap |
| 897 | 57 | 3.3 | 213 | 7 | US-11-170-653-16 | Sequence 16, Appl | 970 | 56.5 | 3.2 | 473 | 6 | US-10-509-464-5 | Sequence 5, Appl |
| 898 | 57 | 3.3 | 213 | 7 | US-11-170-653-17 | Sequence 17, Appl | 971 | 56.5 | 3.2 | 476 | 6 | US-10-997-697-29 | Sequence 29, Appl |
| 899 | 57 | 3.3 | 217 | 7 | US-11-170-653-48 | Sequence 48, Appl | 972 | 56.5 | 3.2 | 482 | 6 | US-10-055-877-238 | Sequence 238, App |
| 900 | 57 | 3.3 | 234 | 6 | US-10-485-517-393 | Sequence 333, App | 973 | 56.5 | 3.2 | 491 | 7 | US-11-098-662-14 | Sequence 14, Appl |
| 901 | 57 | 3.3 | 234 | 7 | US-11-054-515-1881 | Sequence 1881, Ap | 974 | 56.5 | 3.2 | 491 | 7 | US-11-165-141-2 | Sequence 2, Appl |
| 902 | 57 | 3.3 | 250 | 7 | US-11-113-837-2 | Sequence 2, Appl | 975 | 56.5 | 3.2 | 493 | 7 | US-11-076-427A-4 | Sequence 4, Appl |
| 903 | 57 | 3.3 | 252 | 7 | US-11-054-515-1612 | Sequence 1612, Ap | 976 | 56.5 | 3.2 | 504 | 6 | US-10-971-560-7 | Sequence 7, Appl |
| 904 | 57 | 3.3 | 254 | 7 | US-11-067-323-344 | Sequence 344, App | 977 | 56.5 | 3.2 | 506 | 6 | US-10-878-556A-2 | Sequence 2, Appl |
| 905 | 57 | 3.3 | 255 | 6 | US-10-793-626-914 | Sequence 914, App | 978 | 56.5 | 3.2 | 556 | 6 | US-10-453-372-210 | Sequence 210, App |
| 906 | 57 | 3.3 | 255 | 6 | US-10-793-626-2620 | Sequence 2620, Ap | 979 | 56.5 | 3.2 | 574 | 6 | US-10-527-771-14 | Sequence 14, Appl |
| 907 | 57 | 3.3 | 256 | 7 | US-11-054-515-2119 | Sequence 2119, Ap | 980 | 56.5 | 3.2 | 617 | 6 | US-10-995-561-890 | Sequence 890, App |
| 908 | 57 | 3.3 | 259 | 6 | US-10-631-558-4 | Sequence 4, Appl | 981 | 56.5 | 3.2 | 620 | 6 | US-10-517-151-2 | Sequence 2, Appl |
| 909 | 57 | 3.3 | 274 | 7 | US-11-156-062-16 | Sequence 16, Appl | 982 | 56.5 | 3.2 | 624 | 6 | US-10-467-657-338 | Sequence 338, App |
| 910 | 57 | 3.3 | 318 | 6 | US-10-821-234-1590 | Sequence 1590, Ap | 983 | 56.5 | 3.2 | 657 | 7 | US-11-179-977-1 | Sequence 1, Appl |
| 911 | 57 | 3.3 | 318 | 6 | US-10-887-002-2 | Sequence 2, Appl | 984 | 56.5 | 3.2 | 660 | 6 | US-10-878-556A-102 | Sequence 102, App |

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|------|------|-----|------|---|---------------------|--------------------|------|------|-----|------|---|--------------------|--------------------|
| 985 | 56.5 | 3.2 | 717 | 7 | US-11-135-855-29 | Sequence 29, Appl | 1058 | 56 | 3.2 | 427 | 7 | US-11-182-946-5 | Sequence 5, Appl |
| 986 | 56.5 | 3.2 | 721 | 7 | US-11-128-059-88 | Sequence 88, Appl | 1059 | 56 | 3.2 | 427 | 7 | US-11-185-878-4 | Sequence 4, Appl |
| 987 | 56.5 | 3.2 | 729 | 7 | US-11-052-554A-72 | Sequence 72, Appl | 1060 | 56 | 3.2 | 433 | 6 | US-10-895-861-40 | Sequence 40, Appl |
| 988 | 56.5 | 3.2 | 897 | 6 | US-10-453-372-208 | Sequence 208, Appl | 1061 | 56 | 3.2 | 433 | 6 | US-10-895-861-43 | Sequence 43, Appl |
| 989 | 56.5 | 3.2 | 931 | 6 | US-11-128-059-86 | Sequence 86, Appl | 1062 | 56 | 3.2 | 433 | 6 | US-10-895-861-46 | Sequence 46, Appl |
| 990 | 56.5 | 3.2 | 963 | 6 | US-10-467-962B-2 | Sequence 2, Appl | 1063 | 56 | 3.2 | 433 | 6 | US-10-895-861-47 | Sequence 47, Appl |
| 991 | 56.5 | 3.2 | 1075 | 7 | US-11-174-150-34 | Sequence 34, Appl | 1064 | 56 | 3.2 | 433 | 6 | US-10-895-861-54 | Sequence 54, Appl |
| 992 | 56.5 | 3.2 | 1081 | 7 | US-11-113-751-38 | Sequence 38, Appl | 1065 | 56 | 3.2 | 433 | 6 | US-10-895-861-58 | Sequence 58, Appl |
| 993 | 56.5 | 3.2 | 1114 | 7 | US-11-174-150-35 | Sequence 35, Appl | 1066 | 56 | 3.2 | 433 | 6 | US-10-895-861-59 | Sequence 59, Appl |
| 994 | 56.5 | 3.2 | 1121 | 7 | US-11-113-751-19 | Sequence 19, Appl | 1067 | 56 | 3.2 | 435 | 6 | US-10-895-861-55 | Sequence 55, Appl |
| 995 | 56.5 | 3.2 | 1125 | 6 | US-10-821-234-1444 | Sequence 1444, Ap | 1068 | 56 | 3.2 | 435 | 6 | US-10-895-861-60 | Sequence 60, Appl |
| 996 | 56.5 | 3.2 | 1323 | 7 | US-11-128-059-92 | Sequence 92, Appl | 1069 | 56 | 3.2 | 500 | 7 | US-11-067-573-2 | Sequence 2, Appl |
| 997 | 56.5 | 3.2 | 1327 | 7 | US-11-128-059-84 | Sequence 84, Appl | 1070 | 56 | 3.2 | 501 | 6 | US-10-895-861-1 | Sequence 1, Appl |
| 998 | 56.5 | 3.2 | 1356 | 6 | US-10-932-232B-63 | Sequence 63, Appl | 1071 | 56 | 3.2 | 526 | 6 | US-10-453-372-230 | Sequence 10, Appl |
| 999 | 56.5 | 3.2 | 1405 | 6 | US-10-995-561-529 | Sequence 529, Appl | 1072 | 56 | 3.2 | 533 | 6 | US-10-453-372-232 | Sequence 230, Appl |
| 1000 | 56.5 | 3.2 | 1406 | 6 | US-10-995-561-530 | Sequence 530, Appl | 1073 | 56 | 3.2 | 533 | 6 | US-10-453-372-234 | Sequence 232, Appl |
| 1001 | 56.5 | 3.2 | 1416 | 6 | US-11-128-059-4 | Sequence 4, Appl | 1074 | 56 | 3.2 | 552 | 6 | US-10-453-372-232 | Sequence 234, Appl |
| 1002 | 56.5 | 3.2 | 1436 | 6 | US-10-995-561-531 | Sequence 531, Appl | 1075 | 56 | 3.2 | 552 | 6 | US-10-453-372-236 | Sequence 236, Appl |
| 1003 | 56.5 | 3.2 | 1452 | 6 | US-10-821-234-1102 | Sequence 1102, Ap | 1076 | 56 | 3.2 | 552 | 6 | US-10-453-372-238 | Sequence 238, Appl |
| 1004 | 56.5 | 3.2 | 1502 | 6 | US-10-453-372-252 | Sequence 252, Appl | 1077 | 56 | 3.2 | 552 | 6 | US-10-453-372-244 | Sequence 244, Appl |
| 1005 | 56.5 | 3.2 | 1510 | 6 | US-10-453-372-254 | Sequence 254, Appl | 1078 | 56 | 3.2 | 552 | 6 | US-10-453-372-250 | Sequence 250, Appl |
| 1006 | 56.5 | 3.2 | 1694 | 7 | US-11-052-554A-83 | Sequence 83, Appl | 1079 | 56 | 3.2 | 567 | 6 | US-10-954-468-8 | Sequence 8, Appl |
| 1007 | 56.5 | 3.2 | 2313 | 7 | US-11-128-059-80 | Sequence 80, Appl | 1080 | 56 | 3.2 | 574 | 6 | US-10-954-468-4 | Sequence 4, Appl |
| 1008 | 56.5 | 3.2 | 2358 | 7 | US-11-128-059-74 | Sequence 74, Appl | 1081 | 56 | 3.2 | 580 | 6 | US-10-954-468-6 | Sequence 6, Appl |
| 1009 | 56.5 | 3.2 | 2417 | 6 | US-10-453-372-228 | Sequence 228, Appl | 1082 | 56 | 3.2 | 587 | 6 | US-10-954-468-2 | Sequence 2, Appl |
| 1010 | 56.5 | 3.2 | 2458 | 7 | US-11-128-059-94 | Sequence 94, Appl | 1083 | 56 | 3.2 | 615 | 6 | US-10-954-468-7 | Sequence 7, Appl |
| 1011 | 56.5 | 3.2 | 2551 | 6 | US-10-453-372-256 | Sequence 256, Appl | 1084 | 56 | 3.2 | 618 | 6 | US-10-523-912-3 | Sequence 3, Appl |
| 1012 | 56.5 | 3.2 | 2715 | 7 | US-11-128-059-96 | Sequence 96, Appl | 1085 | 56 | 3.2 | 622 | 6 | US-10-954-468-1 | Sequence 1, Appl |
| 1013 | 56.5 | 3.2 | 2715 | 7 | US-11-113-424-51 | Sequence 51, Appl | 1086 | 56 | 3.2 | 628 | 6 | US-10-954-468-5 | Sequence 5, Appl |
| 1014 | 56.5 | 3.2 | 3003 | 6 | US-10-453-372-1080 | Sequence 1080, Ap | 1087 | 56 | 3.2 | 633 | 6 | US-10-954-468-1 | Sequence 1, Appl |
| 1015 | 56.5 | 3.2 | 3157 | 7 | US-11-052-554A-142 | Sequence 142, Appl | 1088 | 56 | 3.2 | 682 | 6 | US-10-956-026-14 | Sequence 14, Appl |
| 1016 | 56.5 | 3.2 | 3353 | 7 | US-11-037-243-64 | Sequence 64, Appl | 1089 | 56 | 3.2 | 685 | 7 | US-11-150-883-51 | Sequence 51, Appl |
| 1017 | 56.5 | 3.2 | 3361 | 6 | US-10-453-372-1082 | Sequence 1082, Ap | 1090 | 56 | 3.2 | 693 | 7 | US-11-196-475-72 | Sequence 72, Appl |
| 1018 | 56.5 | 3.2 | 3655 | 7 | US-11-075-185-5 | Sequence 5, Appl | 1091 | 56 | 3.2 | 756 | 6 | US-10-995-561-955 | Sequence 955, Appl |
| 1019 | 56.5 | 3.2 | 3690 | 6 | US-10-995-561-1016 | Sequence 1016, Ap | 1092 | 56 | 3.2 | 792 | 7 | US-11-103-957-92 | Sequence 92, Appl |
| 1020 | 56.5 | 3.2 | 3714 | 6 | US-10-995-561-1015 | Sequence 1015, Ap | 1093 | 56 | 3.2 | 810 | 7 | US-11-052-554A-245 | Sequence 245, Appl |
| 1021 | 56.5 | 3.2 | 3716 | 7 | US-11-052-554A-141 | Sequence 141, Appl | 1094 | 56 | 3.2 | 830 | 6 | US-10-995-561-957 | Sequence 957, Appl |
| 1022 | 56 | 3.2 | 116 | 6 | US-11-127-903-43 | Sequence 43, Appl | 1095 | 56 | 3.2 | 837 | 7 | US-11-052-554A-159 | Sequence 159, Appl |
| 1023 | 56 | 3.2 | 125 | 7 | US-11-049-536-76 | Sequence 76, Appl | 1096 | 56 | 3.2 | 857 | 7 | US-11-052-554A-218 | Sequence 218, Appl |
| 1024 | 56 | 3.2 | 128 | 7 | US-11-064-174-143 | Sequence 143, Appl | 1097 | 56 | 3.2 | 859 | 7 | US-11-000-463-423 | Sequence 423, Appl |
| 1025 | 56 | 3.2 | 129 | 7 | US-11-226-325-127 | Sequence 127, Appl | 1098 | 56 | 3.2 | 859 | 7 | US-11-000-463-423 | Sequence 423, Appl |
| 1026 | 56 | 3.2 | 139 | 6 | US-10-517-938-224 | Sequence 224, Appl | 1099 | 56 | 3.2 | 941 | 7 | US-11-124-368A-191 | Sequence 191, Appl |
| 1027 | 56 | 3.2 | 213 | 6 | US-10-714-887-366 | Sequence 366, Appl | 1100 | 56 | 3.2 | 948 | 7 | US-11-124-368A-192 | Sequence 192, Appl |
| 1028 | 56 | 3.2 | 222 | 6 | US-11-054-515-995 | Sequence 995, Appl | 1101 | 56 | 3.2 | 998 | 6 | US-10-510-524-1 | Sequence 1, Appl |
| 1029 | 56 | 3.2 | 243 | 6 | US-10-924-074-2 | Sequence 2, Appl | 1102 | 56 | 3.2 | 1037 | 7 | US-11-052-554A-250 | Sequence 250, Appl |
| 1030 | 56 | 3.2 | 244 | 6 | US-11-054-515-1639 | Sequence 1639, Ap | 1103 | 56 | 3.2 | 1250 | 7 | US-11-052-554A-16 | Sequence 16, Appl |
| 1031 | 56 | 3.2 | 244 | 7 | US-11-054-515-1979 | Sequence 1979, Ap | 1104 | 56 | 3.2 | 1255 | 7 | US-11-052-554A-273 | Sequence 273, Appl |
| 1032 | 56 | 3.2 | 245 | 7 | US-11-054-515-1518 | Sequence 1518, Ap | 1105 | 56 | 3.2 | 1255 | 7 | US-11-052-554A-274 | Sequence 274, Appl |
| 1033 | 56 | 3.2 | 246 | 7 | US-11-054-515-1541 | Sequence 1541, Ap | 1106 | 56 | 3.2 | 1255 | 7 | US-11-052-554A-275 | Sequence 275, Appl |
| 1034 | 56 | 3.2 | 246 | 7 | US-11-054-515-1555 | Sequence 1555, Ap | 1107 | 56 | 3.2 | 1476 | 6 | US-10-647-956A-4 | Sequence 4, Appl |
| 1035 | 56 | 3.2 | 248 | 7 | US-11-054-515-1665 | Sequence 1665, Ap | 1108 | 56 | 3.2 | 1857 | 7 | US-11-057-058-60 | Sequence 60, Appl |
| 1036 | 56 | 3.2 | 251 | 7 | US-11-054-515-889 | Sequence 889, Appl | 1109 | 56 | 3.2 | 1857 | 7 | US-11-057-058-61 | Sequence 61, Appl |
| 1037 | 56 | 3.2 | 252 | 7 | US-11-067-323-182 | Sequence 182, Appl | 1110 | 56 | 3.2 | 1902 | 6 | US-10-453-372-1004 | Sequence 1004, Ap |
| 1038 | 56 | 3.2 | 252 | 7 | US-11-067-323-188 | Sequence 188, Appl | 1111 | 56 | 3.2 | 1933 | 6 | US-11-113-424-52 | Sequence 52, Appl |
| 1039 | 56 | 3.2 | 254 | 7 | US-11-067-323-190 | Sequence 190, Appl | 1112 | 56 | 3.2 | 219 | 6 | US-10-453-372-42 | Sequence 42, Appl |
| 1040 | 56 | 3.2 | 254 | 7 | US-11-067-323-188 | Sequence 188, Appl | 1113 | 56 | 3.2 | 219 | 6 | US-10-453-372-32 | Sequence 32, Appl |
| 1041 | 56 | 3.2 | 254 | 7 | US-11-067-323-182 | Sequence 182, Appl | 1114 | 56 | 3.2 | 219 | 6 | US-11-065-695-20 | Sequence 20, Appl |
| 1042 | 56 | 3.2 | 254 | 7 | US-11-067-323-218 | Sequence 218, Appl | 1115 | 56 | 3.2 | 219 | 6 | US-10-834-397-273 | Sequence 273, Appl |
| 1043 | 56 | 3.2 | 254 | 7 | US-11-067-323-222 | Sequence 222, Appl | 1116 | 56 | 3.2 | 219 | 6 | US-10-834-397-276 | Sequence 276, Appl |
| 1044 | 56 | 3.2 | 254 | 7 | US-11-067-323-256 | Sequence 256, Appl | 1117 | 56 | 3.2 | 219 | 6 | US-10-834-397-295 | Sequence 295, Appl |
| 1045 | 56 | 3.2 | 254 | 7 | US-11-067-323-276 | Sequence 276, Appl | 1118 | 56 | 3.2 | 219 | 6 | US-10-834-397-297 | Sequence 297, Appl |
| 1046 | 56 | 3.2 | 254 | 7 | US-11-067-323-324 | Sequence 324, Appl | 1119 | 56 | 3.2 | 219 | 6 | US-11-134-795-14 | Sequence 14, Appl |
| 1047 | 56 | 3.2 | 254 | 7 | US-11-067-323-340 | Sequence 340, Appl | 1120 | 56 | 3.2 | 219 | 6 | US-11-170-653-34 | Sequence 34, Appl |
| 1048 | 56 | 3.2 | 254 | 7 | US-11-067-323-378 | Sequence 378, Appl | 1121 | 55.5 | 3.2 | 231 | 6 | US-10-884-730-369 | Sequence 369, Appl |
| 1049 | 56 | 3.2 | 288 | 7 | US-11-098-686-11295 | Sequence 11295, A | 1122 | 55.5 | 3.2 | 231 | 6 | US-11-052-554A-332 | Sequence 332, Appl |
| 1050 | 56 | 3.2 | 310 | 6 | US-11-226-657-66 | Sequence 66, Appl | 1123 | 55.5 | 3.2 | 231 | 6 | US-11-054-515-2015 | Sequence 2015, Ap |
| 1051 | 56 | 3.2 | 339 | 7 | US-11-226-657-66 | Sequence 66, Appl | 1124 | 55.5 | 3.2 | 239 | 7 | US-11-054-515-2038 | Sequence 2038, Ap |
| 1052 | 56 | 3.2 | 340 | 7 | US-11-226-657-174 | Sequence 174, Appl | 1125 | 55.5 | 3.2 | 242 | 7 | US-11-054-515-1915 | Sequence 1915, Ap |
| 1053 | 56 | 3.2 | 349 | 7 | US-11-129-143-70 | Sequence 70, Appl | 1126 | 55.5 | 3.2 | | | | |
| 1054 | 56 | 3.2 | 354 | 7 | US-11-108-528-74 | Sequence 74, Appl | 1127 | 55.5 | 3.2 | | | | |
| 1055 | 56 | 3.2 | 373 | 7 | US-11-054-281-59 | Sequence 59, Appl | 1128 | 55.5 | 3.2 | | | | |
| 1056 | 56 | 3.2 | 384 | 6 | US-10-838-616-28 | Sequence 28, Appl | 1129 | 55.5 | 3.2 | | | | |
| 1057 | 56 | 3.2 | 413 | 7 | US-11-037-243-89 | Sequence 89, Appl | 1130 | 55.5 | 3.2 | | | | |
| | | | | | | | 1131 | 55.5 | 3.2 | | | | |

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|------|------|-----|------|---|---------------------|-------------------|------|------|-----|------|---|---------------------|-------------------|
| 1132 | 55.5 | 3.2 | 247 | 7 | US-11-054-515-1429 | Sequence 1429, Ap | 1205 | 55.5 | 3.2 | 3104 | 6 | US-10-453-372-64 | Sequence 64, Appl |
| 1133 | 55.5 | 3.2 | 249 | 7 | US-11-054-515-1138 | Sequence 1138, Ap | 1206 | 55.5 | 3.2 | 3433 | 6 | US-10-714-781A-67 | Sequence 67, Appl |
| 1134 | 55.5 | 3.2 | 251 | 7 | US-11-054-515-1207 | Sequence 1207, Ap | 1207 | 55 | 3.1 | 118 | 7 | US-11-012-353-71 | Sequence 71, Appl |
| 1135 | 55.5 | 3.2 | 251 | 7 | US-11-054-515-1374 | Sequence 1374, Ap | 1208 | 55 | 3.1 | 120 | 7 | US-11-226-325-198 | Sequence 198, App |
| 1136 | 55.5 | 3.2 | 253 | 7 | US-11-054-515-1814 | Sequence 1814, Ap | 1209 | 55 | 3.1 | 120 | 7 | US-11-226-325-201 | Sequence 201, App |
| 1137 | 55.5 | 3.2 | 254 | 7 | US-11-067-323-680 | Sequence 680, App | 1210 | 55 | 3.1 | 120 | 7 | US-11-226-325-202 | Sequence 202, App |
| 1138 | 55.5 | 3.2 | 256 | 7 | US-11-054-515-1600 | Sequence 1600, Ap | 1211 | 55 | 3.1 | 122 | 7 | US-11-049-536-186 | Sequence 186, App |
| 1139 | 55.5 | 3.2 | 257 | 7 | US-11-056-825-10 | Sequence 10, Appl | 1212 | 55 | 3.1 | 122 | 7 | US-11-049-536-574 | Sequence 574, App |
| 1140 | 55.5 | 3.2 | 261 | 6 | US-10-454-437-126 | Sequence 126, App | 1213 | 55 | 3.1 | 125 | 6 | US-10-982-440-35 | Sequence 35, Appl |
| 1141 | 55.5 | 3.2 | 261 | 6 | US-10-454-437-128 | Sequence 128, App | 1214 | 55 | 3.1 | 139 | 7 | US-11-226-325-4 | Sequence 4, Appl |
| 1142 | 55.5 | 3.2 | 277 | 6 | US-10-821-234-1328 | Sequence 1328, Ap | 1215 | 55 | 3.1 | 139 | 7 | US-11-226-325-44 | Sequence 44, Appl |
| 1143 | 55.5 | 3.2 | 277 | 6 | US-10-878-556A-54 | Sequence 54, Appl | 1216 | 55 | 3.1 | 139 | 7 | US-11-226-325-100 | Sequence 100, App |
| 1144 | 55.5 | 3.2 | 284 | 7 | US-11-124-367A-382 | Sequence 382, App | 1217 | 55 | 3.1 | 223 | 7 | US-11-170-653-30 | Sequence 30, Appl |
| 1145 | 55.5 | 3.2 | 288 | 6 | US-10-467-657-496 | Sequence 496, App | 1218 | 55 | 3.1 | 243 | 7 | US-11-054-515-1940 | Sequence 1940, Ap |
| 1146 | 55.5 | 3.2 | 316 | 7 | US-11-010-239-103 | Sequence 103, App | 1219 | 55 | 3.1 | 245 | 7 | US-11-054-515-1436 | Sequence 1436, Ap |
| 1147 | 55.5 | 3.2 | 330 | 6 | US-10-485-517-415 | Sequence 415, App | 1220 | 55 | 3.1 | 247 | 7 | US-11-054-515-1352 | Sequence 1352, Ap |
| 1148 | 55.5 | 3.2 | 335 | 6 | US-10-873-528-4 | Sequence 4, Appli | 1221 | 55 | 3.1 | 257 | 6 | US-10-995-561-747 | Sequence 747, App |
| 1149 | 55.5 | 3.2 | 378 | 7 | US-11-055-822-1056 | Sequence 1056, Ap | 1222 | 55 | 3.1 | 270 | 7 | US-11-098-686-10898 | Sequence 10898, A |
| 1150 | 55.5 | 3.2 | 380 | 7 | US-11-089-551A-25 | Sequence 25, Appl | 1223 | 55 | 3.1 | 283 | 7 | US-11-205-109-5 | Sequence 5, Appli |
| 1151 | 55.5 | 3.2 | 384 | 7 | US-11-074-176-78 | Sequence 78, Appl | 1224 | 55 | 3.1 | 328 | 7 | US-11-152-697-4 | Sequence 4, Appli |
| 1152 | 55.5 | 3.2 | 407 | 7 | US-11-166-413-57 | Sequence 57, Appl | 1225 | 55 | 3.1 | 330 | 6 | US-10-453-372-516 | Sequence 516, App |
| 1153 | 55.5 | 3.2 | 421 | 7 | US-11-098-686-10880 | Sequence 10880, A | 1226 | 55 | 3.1 | 336 | 6 | US-10-453-372-510 | Sequence 510, App |
| 1154 | 55.5 | 3.2 | 427 | 6 | US-10-467-657-4384 | Sequence 4384, Ap | 1227 | 55 | 3.1 | 348 | 6 | US-10-517-938-162 | Sequence 162, App |
| 1155 | 55.5 | 3.2 | 442 | 7 | US-11-102-621-124 | Sequence 124, App | 1228 | 55 | 3.1 | 354 | 7 | US-11-108-528-72 | Sequence 72, Appl |
| 1156 | 55.5 | 3.2 | 442 | 7 | US-11-102-621-125 | Sequence 125, App | 1229 | 55 | 3.1 | 367 | 7 | US-11-150-887-44 | Sequence 44, Appl |
| 1157 | 55.5 | 3.2 | 442 | 7 | US-11-102-621-126 | Sequence 126, App | 1230 | 55 | 3.1 | 369 | 7 | US-11-024-959-485 | Sequence 485, App |
| 1158 | 55.5 | 3.2 | 442 | 7 | US-11-102-621-127 | Sequence 127, App | 1231 | 55 | 3.1 | 417 | 7 | US-11-186-284-107 | Sequence 107, App |
| 1159 | 55.5 | 3.2 | 442 | 7 | US-11-102-621-128 | Sequence 128, App | 1232 | 55 | 3.1 | 425 | 7 | US-11-219-995-8 | Sequence 8, Appli |
| 1160 | 55.5 | 3.2 | 444 | 6 | US-10-525-710-48 | Sequence 48, Appl | 1233 | 55 | 3.1 | 441 | 7 | US-11-237-600-63 | Sequence 63, Appl |
| 1161 | 55.5 | 3.2 | 446 | 7 | US-11-102-621-119 | Sequence 119, App | 1234 | 55 | 3.1 | 446 | 6 | US-10-793-626-2250 | Sequence 2250, Ap |
| 1162 | 55.5 | 3.2 | 446 | 7 | US-11-102-621-120 | Sequence 120, App | 1235 | 55 | 3.1 | 457 | 7 | US-11-194-246-326 | Sequence 326, App |
| 1163 | 55.5 | 3.2 | 446 | 7 | US-11-102-621-121 | Sequence 121, App | 1236 | 55 | 3.1 | 470 | 7 | US-11-186-284-123 | Sequence 123, App |
| 1164 | 55.5 | 3.2 | 446 | 7 | US-11-102-621-122 | Sequence 122, App | 1237 | 55 | 3.1 | 477 | 7 | US-11-089-551A-34 | Sequence 34, Appl |
| 1165 | 55.5 | 3.2 | 446 | 7 | US-11-102-621-123 | Sequence 123, App | 1238 | 55 | 3.1 | 487 | 7 | US-11-147-047-50 | Sequence 50, Appl |
| 1166 | 55.5 | 3.2 | 463 | 6 | US-10-793-626-960 | Sequence 960, App | 1239 | 55 | 3.1 | 495 | 6 | US-10-510-386-188 | Sequence 188, App |
| 1167 | 55.5 | 3.2 | 488 | 7 | US-11-092-140-110 | Sequence 110, App | 1240 | 55 | 3.1 | 523 | 7 | US-11-024-959-371 | Sequence 371, App |
| 1168 | 55.5 | 3.2 | 491 | 6 | US-10-641-678-65 | Sequence 65, Appl | 1241 | 55 | 3.1 | 525 | 7 | US-11-052-554A-209 | Sequence 209, App |
| 1169 | 55.5 | 3.2 | 511 | 6 | US-10-641-678-42 | Sequence 42, Appl | 1242 | 55 | 3.1 | 546 | 7 | US-11-143-980-38 | Sequence 38, Appl |
| 1170 | 55.5 | 3.2 | 514 | 6 | US-10-957-569-48 | Sequence 48, Appl | 1243 | 55 | 3.1 | 552 | 6 | US-10-453-372-240 | Sequence 240, App |
| 1171 | 55.5 | 3.2 | 514 | 7 | US-11-097-589-47 | Sequence 47, Appl | 1244 | 55 | 3.1 | 582 | 7 | US-11-090-438-58 | Sequence 58, Appl |
| 1172 | 55.5 | 3.2 | 529 | 7 | US-11-166-412-58 | Sequence 58, Appl | 1245 | 55 | 3.1 | 586 | 7 | US-11-073-113-18 | Sequence 18, Appl |
| 1173 | 55.5 | 3.2 | 534 | 6 | US-10-510-386-230 | Sequence 230, App | 1246 | 55 | 3.1 | 657 | 6 | US-10-957-880-4 | Sequence 4, Appli |
| 1174 | 55.5 | 3.2 | 546 | 7 | US-11-166-412-59 | Sequence 59, App | 1247 | 55 | 3.1 | 657 | 7 | US-11-052-554A-113 | Sequence 113, App |
| 1175 | 55.5 | 3.2 | 625 | 6 | US-10-510-386-6 | Sequence 6, Appli | 1248 | 55 | 3.1 | 669 | 6 | US-10-997-201A-30 | Sequence 30, Appl |
| 1176 | 55.5 | 3.2 | 685 | 6 | US-10-490-824-5 | Sequence 5, Appli | 1250 | 55 | 3.1 | 715 | 7 | US-11-052-554A-290 | Sequence 290, App |
| 1177 | 55.5 | 3.2 | 697 | 7 | US-11-103-957-39 | Sequence 39, Appl | 1251 | 55 | 3.1 | 758 | 7 | US-11-024-959-347 | Sequence 347, App |
| 1178 | 55.5 | 3.2 | 703 | 6 | US-10-467-657-7158 | Sequence 7158, Ap | 1252 | 55 | 3.1 | 768 | 6 | US-10-995-561-956 | Sequence 956, App |
| 1179 | 55.5 | 3.2 | 710 | 7 | US-11-143-980-40 | Sequence 40, Appl | 1253 | 55 | 3.1 | 824 | 7 | US-11-116-939-11 | Sequence 11, Appl |
| 1180 | 55.5 | 3.2 | 731 | 7 | US-11-024-959-421 | Sequence 421, App | 1254 | 55 | 3.1 | 843 | 6 | US-10-645-441-8 | Sequence 8, Appli |
| 1181 | 55.5 | 3.2 | 776 | 6 | US-10-453-372-44 | Sequence 44, Appl | 1255 | 55 | 3.1 | 861 | 7 | US-11-038-284-36 | Sequence 36, Appl |
| 1182 | 55.5 | 3.2 | 776 | 6 | US-10-453-372-46 | Sequence 46, Appl | 1256 | 55 | 3.1 | 875 | 6 | US-10-933-025-12 | Sequence 12, Appl |
| 1183 | 55.5 | 3.2 | 882 | 6 | US-10-453-372-60 | Sequence 60, Appl | 1257 | 55 | 3.1 | 875 | 6 | US-10-933-025-12 | Sequence 12, Appl |
| 1184 | 55.5 | 3.2 | 884 | 6 | US-10-453-372-58 | Sequence 58, Appl | 1258 | 55 | 3.1 | 898 | 6 | US-10-624-932-2 | Sequence 2, Appli |
| 1185 | 55.5 | 3.2 | 884 | 6 | US-10-453-372-58 | Sequence 58, Appl | 1259 | 55 | 3.1 | 898 | 6 | US-10-624-932-2 | Sequence 2, Appli |
| 1186 | 55.5 | 3.2 | 914 | 7 | US-11-148-108-41 | Sequence 41, Appl | 1260 | 55 | 3.1 | 963 | 7 | US-10-453-372-514 | Sequence 514, App |
| 1187 | 55.5 | 3.2 | 967 | 7 | US-11-124-367A-312 | Sequence 312, App | 1262 | 55 | 3.1 | 963 | 7 | US-11-183-136-16 | Sequence 16, Appl |
| 1188 | 55.5 | 3.2 | 1045 | 7 | US-11-113-424-54 | Sequence 54, Appl | 1263 | 55 | 3.1 | 1206 | 6 | US-10-858-730-73 | Sequence 73, Appl |
| 1189 | 55.5 | 3.2 | 1094 | 6 | US-10-821-234-1097 | Sequence 1097, Ap | 1264 | 55 | 3.1 | 1255 | 7 | US-11-022-562-235 | Sequence 235, App |
| 1190 | 55.5 | 3.2 | 1369 | 7 | US-11-124-367A-311 | Sequence 311, App | 1265 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-265 | Sequence 265, App |
| 1191 | 55.5 | 3.2 | 1484 | 6 | US-10-517-939-74 | Sequence 74, Appl | 1266 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-266 | Sequence 266, App |
| 1192 | 55.5 | 3.2 | 1574 | 6 | US-10-055-877-211 | Sequence 211, App | 1267 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-267 | Sequence 267, App |
| 1193 | 55.5 | 3.2 | 2105 | 7 | US-11-052-554A-173 | Sequence 173, App | 1268 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-268 | Sequence 268, App |
| 1194 | 55.5 | 3.2 | 2376 | 7 | US-11-096-051-4 | Sequence 4, Appli | 1269 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-269 | Sequence 269, App |
| 1195 | 55.5 | 3.2 | 2491 | 6 | US-10-995-561-769 | Sequence 769, App | 1270 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-270 | Sequence 270, App |
| 1196 | 55.5 | 3.2 | 2612 | 6 | US-10-453-372-38 | Sequence 38, Appl | 1271 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-271 | Sequence 271, App |
| 1197 | 55.5 | 3.2 | 2669 | 6 | US-10-453-372-36 | Sequence 36, Appl | 1272 | 55 | 3.1 | 1255 | 7 | US-11-052-554A-272 | Sequence 272, App |
| 1198 | 55.5 | 3.2 | 2715 | 7 | US-11-096-051-2 | Sequence 2, Appli | 1273 | 55 | 3.1 | 1279 | 6 | US-10-957-880-3 | Sequence 3, Appli |
| 1199 | 55.5 | 3.2 | 2721 | 7 | US-11-096-051-10 | Sequence 10, Appl | 1274 | 55 | 3.1 | 1565 | 6 | US-10-467-657-2704 | Sequence 2704, Ap |
| 1200 | 55.5 | 3.2 | 2725 | 7 | US-11-096-051-8 | Sequence 8, Appli | 1275 | 55 | 3.1 | 1637 | 6 | US-10-821-234-1204 | Sequence 1204, Ap |
| 1201 | 55.5 | 3.2 | 2768 | 6 | US-10-510-101-72 | Sequence 72, App | 1276 | 55 | 3.1 | 1697 | 7 | US-11-019-711-68 | Sequence 68, Appl |
| 1202 | 55.5 | 3.2 | 2911 | 7 | US-11-090-617-706 | Sequence 706, App | 1277 | 55 | 3.1 | 1723 | 7 | US-11-019-711-18 | Sequence 18, Appl |
| 1203 | 55.5 | 3.2 | 3104 | 6 | US-10-453-372-34 | Sequence 34, Appl | 1278 | 55 | 3.1 | 1730 | 7 | US-11-182-016-19 | Sequence 19, Appl |
| 1204 | 55.5 | 3.2 | 3104 | 6 | US-10-453-372-62 | Sequence 62, Appl | 1279 | 55 | 3.1 | 2335 | 6 | US-10-821-234-1610 | Sequence 1610, Ap |

| | | | | | | | | | | | | | |
|------|------|-----|------|---|---------------------|--------------------|------|------|-----|------|---|--------------------|--------------------|
| 1280 | 55 | 3.1 | 3500 | 7 | US-11-085-775-2 | Sequence 2, Appli | 1356 | 54.5 | 3.1 | 1001 | 7 | US-11-132-285-40 | Sequence 40, Appli |
| 1281 | 54.5 | 3.1 | 120 | 7 | US-11-049-536-618 | Sequence 618, App | 1357 | 54.5 | 3.1 | 1083 | 7 | US-11-113-751-40 | Sequence 40, Appli |
| 1282 | 54.5 | 3.1 | 127 | 7 | US-11-049-536-446 | Sequence 446, App | 1358 | 54.5 | 3.1 | 1345 | 7 | US-11-052-554A-282 | Sequence 282, App |
| 1283 | 54.5 | 3.1 | 208 | 7 | US-11-214-413-32 | Sequence 32, Appli | 1359 | 54.5 | 3.1 | 1394 | 6 | US-10-467-657-7930 | Sequence 7930, App |
| 1284 | 54.5 | 3.1 | 211 | 7 | US-11-055-822-384 | Sequence 384, App | 1360 | 54.5 | 3.1 | 1458 | 7 | US-11-096-274-2 | Sequence 2, Appli |
| 1285 | 54.5 | 3.1 | 232 | 6 | US-10-884-730-363 | Sequence 363, App | 1361 | 54.5 | 3.1 | 1544 | 6 | US-10-453-372-1186 | Sequence 1186, App |
| 1286 | 54.5 | 3.1 | 232 | 6 | US-10-884-730-364 | Sequence 364, App | 1362 | 54.5 | 3.1 | 1565 | 6 | US-10-453-372-1180 | Sequence 1180, App |
| 1287 | 54.5 | 3.1 | 232 | 6 | US-10-884-730-365 | Sequence 365, App | 1363 | 54.5 | 3.1 | 1566 | 6 | US-10-453-372-1190 | Sequence 1190, App |
| 1288 | 54.5 | 3.1 | 240 | 7 | US-11-054-515-2050 | Sequence 2050, App | 1364 | 54.5 | 3.1 | 1749 | 7 | US-11-052-554A-9 | Sequence 9, Appli |
| 1289 | 54.5 | 3.1 | 240 | 7 | US-11-007-282-8 | Sequence 8, Appli | 1365 | 54.5 | 3.1 | 1754 | 7 | US-11-182-016-22 | Sequence 22, Appli |
| 1290 | 54.5 | 3.1 | 240 | 7 | US-11-007-282-13 | Sequence 13, Appli | 1366 | 54.5 | 3.1 | 2053 | 6 | US-10-453-372-1174 | Sequence 1174, App |
| 1291 | 54.5 | 3.1 | 241 | 7 | US-11-054-515-1577 | Sequence 1577, App | 1367 | 54.5 | 3.1 | 2143 | 6 | US-10-453-372-1188 | Sequence 1188, App |
| 1292 | 54.5 | 3.1 | 247 | 7 | US-11-054-515-1434 | Sequence 1434, App | 1368 | 54.5 | 3.1 | 2314 | 7 | US-11-013-759-11 | Sequence 11, Appli |
| 1293 | 54.5 | 3.1 | 247 | 7 | US-11-054-515-1654 | Sequence 1654, App | 1369 | 54.5 | 3.1 | 2828 | 7 | US-11-080-991-54 | Sequence 54, Appli |
| 1294 | 54.5 | 3.1 | 247 | 7 | US-11-054-515-1680 | Sequence 1680, App | 1370 | 54.5 | 3.1 | 2828 | 7 | US-11-186-284-49 | Sequence 49, Appli |
| 1295 | 54.5 | 3.1 | 247 | 7 | US-11-054-515-1704 | Sequence 1704, App | 1371 | 54 | 3.1 | 80 | 6 | US-10-821-234-949 | Sequence 8, Appli |
| 1296 | 54.5 | 3.1 | 247 | 7 | US-11-054-515-1705 | Sequence 1705, App | 1372 | 54 | 3.1 | 118 | 6 | US-10-771-257-8 | Sequence 29, Appli |
| 1297 | 54.5 | 3.1 | 247 | 7 | US-11-054-515-1897 | Sequence 1897, App | 1373 | 54 | 3.1 | 118 | 7 | US-11-127-677-8 | Sequence 20, Appli |
| 1298 | 54.5 | 3.1 | 249 | 7 | US-11-054-515-1897 | Sequence 1897, App | 1374 | 54 | 3.1 | 128 | 6 | US-10-982-440-29 | Sequence 22, Appli |
| 1299 | 54.5 | 3.1 | 249 | 7 | US-11-054-515-2078 | Sequence 2078, App | 1375 | 54 | 3.1 | 139 | 7 | US-11-226-325-20 | Sequence 30, Appli |
| 1300 | 54.5 | 3.1 | 250 | 7 | US-11-054-515-942 | Sequence 942, App | 1376 | 54 | 3.1 | 139 | 7 | US-11-226-325-22 | Sequence 46, Appli |
| 1301 | 54.5 | 3.1 | 250 | 7 | US-11-054-515-964 | Sequence 964, App | 1377 | 54 | 3.1 | 139 | 7 | US-11-226-325-46 | Sequence 49, Appli |
| 1302 | 54.5 | 3.1 | 254 | 7 | US-11-054-515-1450 | Sequence 1450, App | 1378 | 54 | 3.1 | 139 | 7 | US-11-051-453-49 | Sequence 1868, App |
| 1303 | 54.5 | 3.1 | 254 | 7 | US-11-067-323-354 | Sequence 354, App | 1379 | 54 | 3.1 | 146 | 6 | US-10-467-657-1176 | Sequence 1176, App |
| 1304 | 54.5 | 3.1 | 254 | 7 | US-11-067-323-400 | Sequence 400, App | 1380 | 54 | 3.1 | 162 | 6 | US-10-510-386-194 | Sequence 194, App |
| 1305 | 54.5 | 3.1 | 254 | 7 | US-11-067-323-466 | Sequence 466, App | 1381 | 54 | 3.1 | 163 | 6 | US-10-467-657-1176 | Sequence 190, App |
| 1306 | 54.5 | 3.1 | 254 | 7 | US-11-067-323-634 | Sequence 634, App | 1382 | 54 | 3.1 | 189 | 6 | US-10-517-939-190 | Sequence 32, Appli |
| 1307 | 54.5 | 3.1 | 254 | 7 | US-11-067-323-937 | Sequence 937, App | 1383 | 54 | 3.1 | 222 | 7 | US-11-170-653-31 | Sequence 31, Appli |
| 1308 | 54.5 | 3.1 | 258 | 7 | US-11-054-515-1173 | Sequence 1173, App | 1384 | 54 | 3.1 | 227 | 6 | US-10-467-657-54 | Sequence 54, Appli |
| 1309 | 54.5 | 3.1 | 266 | 6 | US-10-896-0108-4 | Sequence 4, Appli | 1385 | 54 | 3.1 | 227 | 6 | US-11-054-515-2023 | Sequence 830, App |
| 1310 | 54.5 | 3.1 | 284 | 6 | US-10-467-657-536 | Sequence 536, App | 1386 | 54 | 3.1 | 227 | 6 | US-11-054-515-1606 | Sequence 2023, App |
| 1311 | 54.5 | 3.1 | 290 | 6 | US-10-467-657-308 | Sequence 308, App | 1387 | 54 | 3.1 | 244 | 7 | US-11-054-515-1439 | Sequence 1439, App |
| 1312 | 54.5 | 3.1 | 290 | 6 | US-10-467-657-7250 | Sequence 7250, App | 1388 | 54 | 3.1 | 244 | 7 | US-11-054-515-1804 | Sequence 1804, App |
| 1313 | 54.5 | 3.1 | 311 | 7 | US-11-108-172-1061 | Sequence 1061, App | 1389 | 54 | 3.1 | 252 | 7 | US-11-054-515-1362 | Sequence 1362, App |
| 1314 | 54.5 | 3.1 | 311 | 7 | US-11-108-172-1061 | Sequence 1061, App | 1390 | 54 | 3.1 | 252 | 7 | US-11-054-515-1735 | Sequence 1735, App |
| 1315 | 54.5 | 3.1 | 325 | 7 | US-11-102-463-817 | Sequence 817, App | 1391 | 54 | 3.1 | 254 | 7 | US-11-067-323-252 | Sequence 252, App |
| 1316 | 54.5 | 3.1 | 325 | 7 | US-11-102-240-64 | Sequence 64, Appli | 1392 | 54 | 3.1 | 254 | 7 | US-11-067-323-638 | Sequence 638, App |
| 1317 | 54.5 | 3.1 | 355 | 7 | US-11-108-528-48 | Sequence 48, Appli | 1393 | 54 | 3.1 | 254 | 7 | US-11-067-323-748 | Sequence 748, App |
| 1318 | 54.5 | 3.1 | 357 | 6 | US-10-478-345-6 | Sequence 6, Appli | 1394 | 54 | 3.1 | 254 | 7 | US-11-067-323-756 | Sequence 756, App |
| 1319 | 54.5 | 3.1 | 362 | 7 | US-11-098-686-11051 | Sequence 11051, A | 1395 | 54 | 3.1 | 254 | 7 | US-11-067-323-758 | Sequence 758, App |
| 1320 | 54.5 | 3.1 | 371 | 6 | US-10-838-750-2 | Sequence 2, Appli | 1396 | 54 | 3.1 | 254 | 7 | US-11-067-323-762 | Sequence 762, App |
| 1321 | 54.5 | 3.1 | 372 | 6 | US-10-467-657-752 | Sequence 752, App | 1397 | 54 | 3.1 | 254 | 7 | US-11-067-323-764 | Sequence 764, App |
| 1322 | 54.5 | 3.1 | 373 | 6 | US-10-467-657-2618 | Sequence 2618, App | 1398 | 54 | 3.1 | 254 | 7 | US-11-067-323-772 | Sequence 772, App |
| 1323 | 54.5 | 3.1 | 382 | 7 | US-11-069-185-8 | Sequence 8, Appli | 1399 | 54 | 3.1 | 254 | 7 | US-11-067-323-776 | Sequence 776, App |
| 1324 | 54.5 | 3.1 | 387 | 6 | US-10-467-657-1160 | Sequence 1160, App | 1400 | 54 | 3.1 | 254 | 7 | US-11-067-323-778 | Sequence 778, App |
| 1325 | 54.5 | 3.1 | 389 | 6 | US-10-510-386-132 | Sequence 132, App | 1401 | 54 | 3.1 | 254 | 7 | US-11-067-323-780 | Sequence 780, App |
| 1326 | 54.5 | 3.1 | 390 | 6 | US-10-821-234-1273 | Sequence 1273, App | 1402 | 54 | 3.1 | 254 | 7 | US-11-067-323-782 | Sequence 782, App |
| 1327 | 54.5 | 3.1 | 401 | 6 | US-10-948-053-2 | Sequence 2, Appli | 1403 | 54 | 3.1 | 254 | 7 | US-11-067-323-784 | Sequence 784, App |
| 1328 | 54.5 | 3.1 | 437 | 7 | US-11-061-869-13 | Sequence 13, Appli | 1404 | 54 | 3.1 | 254 | 7 | US-11-067-323-786 | Sequence 786, App |
| 1329 | 54.5 | 3.1 | 437 | 7 | US-11-197-721-11 | Sequence 11, Appli | 1405 | 54 | 3.1 | 254 | 7 | US-11-067-323-790 | Sequence 790, App |
| 1330 | 54.5 | 3.1 | 446 | 7 | US-11-112-882-25 | Sequence 25, Appli | 1406 | 54 | 3.1 | 254 | 7 | US-11-067-323-792 | Sequence 792, App |
| 1331 | 54.5 | 3.1 | 451 | 6 | US-10-467-657-366 | Sequence 366, App | 1407 | 54 | 3.1 | 254 | 7 | US-11-067-323-796 | Sequence 796, App |
| 1332 | 54.5 | 3.1 | 461 | 7 | US-11-024-959-480 | Sequence 480, App | 1408 | 54 | 3.1 | 254 | 7 | US-11-067-323-800 | Sequence 800, App |
| 1333 | 54.5 | 3.1 | 493 | 6 | US-10-508-263-30 | Sequence 30, Appli | 1409 | 54 | 3.1 | 254 | 7 | US-11-067-323-802 | Sequence 802, App |
| 1334 | 54.5 | 3.1 | 496 | 7 | US-11-186-284-103 | Sequence 103, App | 1410 | 54 | 3.1 | 254 | 7 | US-11-067-323-804 | Sequence 804, App |
| 1335 | 54.5 | 3.1 | 497 | 6 | US-10-984-376-3 | Sequence 3, Appli | 1411 | 54 | 3.1 | 254 | 7 | US-11-067-323-806 | Sequence 806, App |
| 1336 | 54.5 | 3.1 | 527 | 6 | US-10-705-633-3 | Sequence 3, Appli | 1412 | 54 | 3.1 | 254 | 7 | US-11-067-323-810 | Sequence 810, App |
| 1337 | 54.5 | 3.1 | 546 | 7 | US-11-102-188-2 | Sequence 2, Appli | 1413 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1338 | 54.5 | 3.1 | 546 | 7 | US-11-102-188-2 | Sequence 2, Appli | 1414 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1339 | 54.5 | 3.1 | 548 | 7 | US-11-152-697-3 | Sequence 3, Appli | 1415 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1340 | 54.5 | 3.1 | 579 | 6 | US-10-091-342-5 | Sequence 5, Appli | 1416 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1341 | 54.5 | 3.1 | 579 | 6 | US-11-045-802-33 | Sequence 33, Appli | 1417 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1342 | 54.5 | 3.1 | 688 | 6 | US-10-821-234-1533 | Sequence 1533, App | 1418 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1343 | 54.5 | 3.1 | 715 | 7 | US-11-169-041-149 | Sequence 47, Appli | 1419 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1344 | 54.5 | 3.1 | 715 | 7 | US-11-089-551A-47 | Sequence 47, Appli | 1420 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1345 | 54.5 | 3.1 | 746 | 6 | US-10-793-626-652 | Sequence 652, App | 1421 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1346 | 54.5 | 3.1 | 781 | 6 | US-10-887-770-12 | Sequence 12, Appli | 1422 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1347 | 54.5 | 3.1 | 791 | 6 | US-10-623-155-170 | Sequence 170, App | 1423 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1348 | 54.5 | 3.1 | 881 | 6 | US-10-623-155-430 | Sequence 430, App | 1424 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1349 | 54.5 | 3.1 | 914 | 7 | US-11-108-172-1066 | Sequence 1066, App | 1425 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1350 | 54.5 | 3.1 | 920 | 6 | US-10-623-155-357 | Sequence 357, App | 1426 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1351 | 54.5 | 3.1 | 943 | 6 | US-10-623-155-161 | Sequence 161, App | 1427 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1352 | 54.5 | 3.1 | 945 | 7 | US-11-019-711-121 | Sequence 121, App | 1428 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1353 | 54.5 | 3.1 | 945 | 7 | US-11-183-136-18 | Sequence 18, Appli | 1429 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1354 | 54.5 | 3.1 | 955 | 7 | US-11-052-554A-179 | Sequence 179, App | 1430 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |
| 1355 | 54.5 | 3.1 | 961 | 6 | US-10-831-997-4 | Sequence 4, Appli | 1431 | 54 | 3.1 | 254 | 7 | US-11-067-323-812 | Sequence 812, App |

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| 1431 | 54 | 3.1 | 254 | 7 | US-11-067-323-820 | Sequence 820, App |
| 1432 | 54 | 3.1 | 254 | 7 | US-11-067-323-822 | Sequence 822, App |
| 1433 | 54 | 3.1 | 254 | 7 | US-11-067-323-824 | Sequence 824, App |
| 1434 | 54 | 3.1 | 254 | 7 | US-11-067-323-826 | Sequence 826, App |
| 1435 | 54 | 3.1 | 254 | 7 | US-11-067-323-830 | Sequence 830, App |
| 1436 | 54 | 3.1 | 254 | 7 | US-11-067-323-834 | Sequence 834, App |
| 1437 | 54 | 3.1 | 254 | 7 | US-11-067-323-836 | Sequence 836, App |
| 1438 | 54 | 3.1 | 254 | 7 | US-11-067-323-838 | Sequence 838, App |
| 1439 | 54 | 3.1 | 254 | 7 | US-11-067-323-840 | Sequence 840, App |
| 1440 | 54 | 3.1 | 254 | 7 | US-11-067-323-842 | Sequence 842, App |
| 1441 | 54 | 3.1 | 254 | 7 | US-11-067-323-844 | Sequence 844, App |
| 1442 | 54 | 3.1 | 254 | 7 | US-11-067-323-846 | Sequence 846, App |
| 1443 | 54 | 3.1 | 254 | 7 | US-11-067-323-848 | Sequence 848, App |
| 1444 | 54 | 3.1 | 254 | 7 | US-11-067-323-850 | Sequence 850, App |
| 1445 | 54 | 3.1 | 254 | 7 | US-11-067-323-852 | Sequence 852, App |
| 1446 | 54 | 3.1 | 254 | 7 | US-11-067-323-856 | Sequence 856, App |
| 1447 | 54 | 3.1 | 254 | 7 | US-11-067-323-858 | Sequence 858, App |
| 1448 | 54 | 3.1 | 254 | 7 | US-11-067-323-860 | Sequence 860, App |
| 1449 | 54 | 3.1 | 254 | 7 | US-11-067-323-862 | Sequence 862, App |
| 1450 | 54 | 3.1 | 254 | 7 | US-11-067-323-864 | Sequence 864, App |
| 1451 | 54 | 3.1 | 254 | 7 | US-11-067-323-907 | Sequence 907, App |
| 1452 | 54 | 3.1 | 254 | 7 | US-11-067-323-1103 | Sequence 1103, Ap |
| 1453 | 54 | 3.1 | 254 | 7 | US-11-067-323-1105 | Sequence 1105, Ap |
| 1454 | 54 | 3.1 | 254 | 7 | US-11-067-323-1109 | Sequence 1109, Ap |
| 1455 | 54 | 3.1 | 254 | 7 | US-11-067-323-1111 | Sequence 1111, Ap |
| 1456 | 54 | 3.1 | 254 | 7 | US-11-067-323-1113 | Sequence 1113, Ap |
| 1457 | 54 | 3.1 | 254 | 7 | US-11-067-323-1115 | Sequence 1115, Ap |
| 1458 | 54 | 3.1 | 254 | 7 | US-11-067-323-1117 | Sequence 1117, Ap |
| 1459 | 54 | 3.1 | 254 | 7 | US-11-067-323-1119 | Sequence 1119, Ap |
| 1460 | 54 | 3.1 | 254 | 7 | US-11-067-323-1121 | Sequence 1121, Ap |
| 1461 | 54 | 3.1 | 254 | 7 | US-11-067-323-1123 | Sequence 1123, Ap |
| 1462 | 54 | 3.1 | 254 | 7 | US-11-067-323-1125 | Sequence 1125, Ap |
| 1463 | 54 | 3.1 | 254 | 7 | US-11-067-323-1127 | Sequence 1127, Ap |
| 1464 | 54 | 3.1 | 254 | 7 | US-11-067-323-1129 | Sequence 1129, Ap |
| 1465 | 54 | 3.1 | 254 | 7 | US-11-067-323-1131 | Sequence 1131, Ap |
| 1466 | 54 | 3.1 | 254 | 7 | US-11-067-323-1133 | Sequence 1133, Ap |
| 1467 | 54 | 3.1 | 254 | 7 | US-11-067-323-1135 | Sequence 1135, Ap |
| 1468 | 54 | 3.1 | 254 | 7 | US-11-067-323-1137 | Sequence 1137, Ap |
| 1469 | 54 | 3.1 | 254 | 7 | US-11-067-323-1139 | Sequence 1139, Ap |
| 1470 | 54 | 3.1 | 254 | 7 | US-11-067-323-1141 | Sequence 1141, Ap |
| 1471 | 54 | 3.1 | 254 | 7 | US-11-067-323-1143 | Sequence 1143, Ap |
| 1472 | 54 | 3.1 | 255 | 7 | US-11-054-515-1012 | Sequence 1012, Ap |
| 1473 | 54 | 3.1 | 255 | 7 | US-11-054-515-1828 | Sequence 1828, Ap |
| 1475 | 54 | 3.1 | 284 | 7 | US-11-102-240-62 | Sequence 62, Appl |
| 1476 | 54 | 3.1 | 301 | 7 | US-11-108-163B-11 | Sequence 11, Appl |
| 1477 | 54 | 3.1 | 310 | 6 | US-10-838-616-14 | Sequence 14, Appl |
| 1478 | 54 | 3.1 | 311 | 7 | US-11-167-856-4 | Sequence 4, Appli |
| 1479 | 54 | 3.1 | 331 | 6 | US-10-527-500-69 | Sequence 69, Appl |
| 1480 | 54 | 3.1 | 338 | 6 | US-10-632-150-12 | Sequence 12, Appl |
| 1481 | 54 | 3.1 | 338 | 7 | US-11-073-457-12 | Sequence 12, Appl |
| 1482 | 54 | 3.1 | 338 | 7 | US-11-073-460-12 | Sequence 12, Appl |
| 1483 | 54 | 3.1 | 339 | 6 | US-10-995-561-681 | Sequence 681, App |
| 1484 | 54 | 3.1 | 339 | 6 | US-10-995-561-682 | Sequence 682, App |
| 1485 | 54 | 3.1 | 339 | 6 | US-10-995-561-684 | Sequence 684, App |
| 1486 | 54 | 3.1 | 339 | 6 | US-10-995-561-685 | Sequence 685, App |
| 1487 | 54 | 3.1 | 339 | 6 | US-10-995-561-686 | Sequence 686, App |
| 1488 | 54 | 3.1 | 339 | 6 | US-10-995-561-687 | Sequence 687, App |
| 1489 | 54 | 3.1 | 339 | 7 | US-11-186-284-43 | Sequence 43, Appl |
| 1490 | 54 | 3.1 | 339 | 7 | US-11-185-877-11 | Sequence 11, Appl |
| 1491 | 54 | 3.1 | 341 | 7 | US-11-207-626A-36 | Sequence 36, Appl |
| 1492 | 54 | 3.1 | 344 | 7 | US-11-108-163B-10 | Sequence 10, Appl |
| 1493 | 54 | 3.1 | 352 | 7 | US-11-156-084-120 | Sequence 120, App |
| 1494 | 54 | 3.1 | 370 | 6 | US-10-793-626-1064 | Sequence 1064, Ap |
| 1495 | 54 | 3.1 | 376 | 7 | US-11-198-685-6 | Sequence 6, Appli |
| 1496 | 54 | 3.1 | 376 | 7 | US-11-198-069-6 | Sequence 6, Appli |
| 1497 | 54 | 3.1 | 379 | 7 | US-11-136-619-22 | Sequence 22, Appl |
| 1498 | 54 | 3.1 | 379 | 7 | US-11-136-619-23 | Sequence 23, Appl |
| 1499 | 54 | 3.1 | 387 | 6 | US-10-714-887-278 | Sequence 278, App |
| 1500 | 54 | 3.1 | 415 | 6 | US-10-467-657-10 | Sequence 10, Appl |

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OM protein - protein search, using sw model
Run on: February 8, 2006, 19:32:29 ; Search time 203 Seconds
(without alignments)
677.466 Million cell updates/sec

Title: US-10-063-595-88

Perfect score: 1747

Sequence: 1 MNQLSFLFLIATTKGWTSD.....HVGYSRSREITEAAVLLFYR 313

Scoring table: BLOSUM62

Searched: Gapop 10.0 , Gapext 0.5

Total number of hits satisfying chosen parameters: 2443163

Minimum DB seq length: 0

Minimum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : A_Geneseq_21.*

1: Geneseqp1980s.*

2: Geneseqp1990s.*

3: Geneseqp2000s.*

4: Geneseqp2001s.*

5: Geneseqp2002s.*

6: Geneseqp2003as.*

7: Geneseqp2003bs.*

8: Geneseqp2004s.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

No. Score Match Length DB ID Description

RESULT 1

ID AAY66760 standard; protein; 313 AA.

DE Membrane-bound protein PRO1270.

PN WO9963088-A2.

PD 09-DEC-1999.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1747; DB 3; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 2

ID AAY94858 standard; protein; 313 AA.

DE Human protein clone HP01426.

PN WO200005367-A2.

PD 03-FEB-2000.

PA (SAGA) SAGAMI CHEM RES CENT.

PA (PROT-) PROTEGENE INC.

Query Match 100.0%; Score 1747; DB 3; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 3

ID AAY71909 standard; protein; 313 AA.

DE Human TH2AF1 isotype #6.

PN WO200066708-A2.

PD 09-NOV-2000.

PA (MAGA-) MAGAININ PHARM INC.

Query Match 100.0%; Score 1747; DB 3; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 4

ID AAU29170 standard; protein; 313 AA.

DE Human PRO polypeptide sequence #147.

PN WO200168848-A2.

PD 20-SEP-2001.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1747; DB 4; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 5

ID AAB87569 standard; protein; 313 AA.

DE Human PRO1270.

PN WO200116318-A2.

PD 08-MAR-2001.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1747; DB 4; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 6

ID AAB65283 standard; protein; 313 AA.

DE Human PRO1270 (UNQ640) protein sequence SEQ ID NO:414.

PN WO200073454-A1.

PD 07-DEC-2000.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1747; DB 4; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 7

ID ABG95894 standard; protein; 313 AA.

DE Human secreted/transmembrane protein PRO1270.

PN US2002119130-A1.

PD 29-AUG-2002.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1747; DB 5; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 8

ID ABUS8546 standard; protein; 313 AA.

DE Human PRO polypeptide #147.

PN US2003027272-A1.

PD 06-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 9

ID ABUS8094 standard; protein; 313 AA.

DE Novel human secreted and transmembrane protein PRO1270.

PN US2003032127-A1.

PD 13-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 10

ID ABUS8409 standard; protein; 313 AA.

DE Human secreted/transmembrane protein (PRO) #147.

PN US2003032112-A1.

PD 13-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 11

ID ABR66283 standard; protein; 313 AA.

DE Human secreted polypeptide PRO1270, SEQ ID NO:294.

PN US2003027278-A1.

PD 06-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 12

ID ABR65673 standard; protein; 313 AA.

DE Human secreted polypeptide PRO1270, SEQ ID NO:294.

PN US2003036159-A1.

PD 20-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 13

ID ABUS99613 standard; protein; 313 AA.

DE Human secreted/transmembrane protein (PRO) #147.

PN US2003040070-A1.

PD 27-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 14

ID ABUS8098 standard; protein; 313 AA.

DE Human PRO polypeptide #130.

PN US2003027163-A1.

PD 06-FEB-2003.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

RESULT 15

ID ABUS9176 standard; protein; 313 AA.

DE Novel human secreted or transmembrane protein PRO1270.

PN US2002132252-A1.

PD 19-SEP-2002.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1747; DB 6; Length 313;

Best Local Similarity 100.0%; Pred. No. 2.3e-151;

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 8, 2006, 19:42:39 ; Search time 50 Seconds

(without alignments)
517.550 Million cell updates/sec

Perfect score: 1747

Sequence: 1 MNQLSFLLLFLIATTRGNSTD.....HVGYSRRREITAAVLLPYR 313

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1500 summaries

Database : Issued Patents AA.*

1: /cgn2_6/protdata/1/aaa/5 COMB.pep.*
2: /cgn2_6/protdata/1/aaa/6 COMB.pep.*
3: /cgn2_6/protdata/1/aaa/H COMB.pep.*
4: /cgn2_6/protdata/1/aaa/PCITUS COMB.pep.*
5: /cgn2_6/protdata/1/aaa/RE COMB.pep.*
6: /cgn2_6/protdata/1/aaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|--------|-------------|--------|----|--------------------|
| 1 | 1747 | 100.0 | 313 | 2 | US-09-709-677-4 |
| 6 | 1743 | 99.8 | 313 | 2 | US-09-124-758-4 |
| 7 | 1738 | 99.5 | 313 | 2 | US-09-646-693-2 |
| 8 | 1733 | 99.2 | 313 | 2 | US-09-973-278-156 |
| 9 | 1733 | 99.2 | 314 | 2 | US-09-227-357-155 |
| 10 | 1449.5 | 83.0 | 325 | 2 | US-09-709-677-6 |
| 11 | 1446.5 | 82.8 | 325 | 2 | US-09-124-758-6 |
| 12 | 1044.5 | 59.8 | 313 | 2 | US-09-124-758-2 |
| 13 | 1044.5 | 59.8 | 313 | 2 | US-09-709-677-2 |
| 14 | 681 | 39.0 | 127 | 2 | US-09-646-693-4 |
| 15 | 524 | 30.0 | 142 | 2 | US-09-621-976-3907 |
| 16 | 129.5 | 7.4 | 282 | 2 | US-08-812-586-49 |
| 17 | 129.5 | 7.4 | 282 | 2 | US-09-535-832A-46 |
| 18 | 112 | 6.4 | 19 | 2 | US-09-227-357-325 |
| 19 | 112 | 6.4 | 19 | 2 | US-09-973-278-320 |
| 20 | 109 | 6.2 | 491 | 1 | US-08-206-176-4 |
| 21 | 109 | 6.2 | 493 | 2 | US-09-949-016-9617 |
| 22 | 108 | 6.2 | 488 | 2 | US-09-919-039-33 |
| 23 | 102.5 | 5.9 | 496 | 2 | US-09-202-491-7 |
| 24 | 102.5 | 5.9 | 496 | 2 | US-10-215-224-7 |
| 25 | 102.5 | 5.9 | 496 | 2 | US-10-214-812-7 |
| 26 | 99 | 5.7 | 22 | 2 | US-09-124-758-7 |
| 27 | 99 | 5.7 | 22 | 2 | US-09-709-677-7 |
| 28 | 99 | 5.7 | 460 | 1 | US-08-933-821-17 |
| 29 | 99 | 5.7 | 460 | 2 | US-08-934-494-6 |
| 30 | 99 | 5.7 | 460 | 2 | US-08-960-507-17 |
| 31 | 99 | 5.7 | 460 | 2 | US-09-143-068-6 |
| 32 | 99 | 5.7 | 460 | 2 | US-09-143-707-6 |

| | | | | | | |
|-----|------|-----|-----|---|--------------------|-------------------|
| 33 | 99 | 5.7 | 460 | 2 | US-09-202-089-6 | Sequence 6, Appli |
| 34 | 99 | 5.7 | 460 | 2 | US-09-136-828-17 | Sequence 17, Appl |
| 35 | 99 | 5.7 | 460 | 2 | US-09-332-928A-17 | Sequence 17, Appl |
| 36 | 99 | 5.7 | 460 | 2 | US-09-511-133-6 | Sequence 6, Appli |
| 37 | 99 | 5.7 | 460 | 2 | US-09-136-801-17 | Sequence 17, Appl |
| 38 | 99 | 5.7 | 460 | 2 | US-09-332-929-17 | Sequence 17, Appl |
| 39 | 99 | 5.7 | 460 | 2 | US-09-690-169-6 | Sequence 6, Appli |
| 40 | 99 | 5.7 | 460 | 2 | US-09-511-631-6 | Sequence 6, Appli |
| 41 | 99 | 5.7 | 460 | 2 | US-09-333-075-17 | Sequence 17, Appl |
| 42 | 99 | 5.7 | 460 | 2 | US-09-690-189-6 | Sequence 6, Appli |
| 43 | 99 | 5.7 | 460 | 2 | US-09-202-088A-17 | Sequence 17, Appl |
| 44 | 99 | 5.7 | 460 | 2 | US-09-333-077-17 | Sequence 17, Appl |
| 45 | 99 | 5.7 | 475 | 2 | US-09-949-016-7940 | Sequence 7940, Ap |
| 46 | 98.5 | 5.6 | 725 | 2 | US-09-303-518D-666 | Sequence 666, App |
| 47 | 97.5 | 5.6 | 503 | 2 | US-08-740-223A-11 | Sequence 11, Appl |
| 48 | 97.5 | 5.6 | 503 | 2 | US-09-709-188-11 | Sequence 11, Appl |
| 49 | 97.5 | 5.6 | 503 | 2 | US-10-225-060-11 | Sequence 11, Appl |
| 50 | 97.5 | 5.6 | 509 | 1 | US-08-665-926-8 | Sequence 8, Appli |
| 51 | 97.5 | 5.6 | 509 | 2 | US-08-740-223A-10 | Sequence 10, Appl |
| 52 | 97.5 | 5.6 | 509 | 2 | US-09-202-491-2 | Sequence 2, Appli |
| 53 | 97.5 | 5.6 | 509 | 2 | US-09-202-491-3 | Sequence 3, Appli |
| 54 | 97.5 | 5.6 | 509 | 2 | US-09-709-188-10 | Sequence 10, Appl |
| 55 | 97.5 | 5.6 | 509 | 2 | US-10-225-060-10 | Sequence 10, Appl |
| 56 | 97.5 | 5.6 | 509 | 2 | US-10-018-386-5 | Sequence 5, Appli |
| 57 | 97.5 | 5.6 | 509 | 2 | US-10-215-224-2 | Sequence 2, Appli |
| 58 | 97.5 | 5.6 | 509 | 2 | US-10-215-224-3 | Sequence 3, Appli |
| 59 | 97.5 | 5.6 | 509 | 2 | US-10-214-812-2 | Sequence 2, Appli |
| 60 | 97.5 | 5.6 | 509 | 2 | US-10-214-812-3 | Sequence 3, Appli |
| 65 | 95.5 | 5.5 | 450 | 1 | US-08-861-464-2 | Sequence 2, Appli |
| 66 | 95.5 | 5.5 | 450 | 1 | US-08-396-001-2 | Sequence 2, Appli |
| 67 | 95.5 | 5.5 | 450 | 2 | US-09-323-433A-2 | Sequence 2, Appli |
| 68 | 95.5 | 5.5 | 450 | 2 | US-09-826-752-2 | Sequence 2, Appli |
| 69 | 95 | 5.4 | 725 | 2 | US-09-303-518D-668 | Sequence 668, App |
| 70 | 94.5 | 5.4 | 236 | 2 | US-08-886-269-5 | Sequence 5, Appli |
| 71 | 94.5 | 5.4 | 236 | 2 | US-09-167-647-3 | Sequence 3, Appli |
| 72 | 92.5 | 5.3 | 288 | 2 | US-08-934-494-4 | Sequence 4, Appli |
| 73 | 92.5 | 5.3 | 288 | 2 | US-09-143-068-4 | Sequence 4, Appli |
| 74 | 92.5 | 5.3 | 288 | 2 | US-09-143-707-4 | Sequence 4, Appli |
| 75 | 92.5 | 5.3 | 288 | 2 | US-09-202-089-4 | Sequence 4, Appli |
| 76 | 92.5 | 5.3 | 288 | 2 | US-09-511-133-4 | Sequence 4, Appli |
| 77 | 92.5 | 5.3 | 288 | 2 | US-09-690-169-4 | Sequence 4, Appli |
| 78 | 92.5 | 5.3 | 288 | 2 | US-09-511-631-4 | Sequence 4, Appli |
| 79 | 92.5 | 5.3 | 288 | 2 | US-09-690-189-4 | Sequence 4, Appli |
| 80 | 92 | 5.3 | 286 | 2 | US-08-960-507-20 | Sequence 20, Appl |
| 81 | 92 | 5.3 | 286 | 2 | US-09-136-801-20 | Sequence 20, Appl |
| 82 | 92 | 5.3 | 286 | 2 | US-09-202-088A-20 | Sequence 20, Appl |
| 83 | 92 | 5.3 | 308 | 2 | US-09-943-016-8341 | Sequence 8341, Ap |
| 84 | 92 | 5.3 | 314 | 1 | US-08-525-505A-2 | Sequence 2, Appli |
| 85 | 92 | 5.3 | 480 | 2 | US-08-740-223A-8 | Sequence 8, Appli |
| 86 | 92 | 5.3 | 480 | 2 | US-09-709-188-8 | Sequence 8, Appli |
| 87 | 92 | 5.3 | 480 | 2 | US-10-225-060-8 | Sequence 8, Appli |
| 88 | 92 | 5.3 | 496 | 1 | US-08-373-579-6 | Sequence 6, Appli |
| 89 | 92 | 5.3 | 496 | 1 | US-08-418-595-6 | Sequence 6, Appli |
| 90 | 92 | 5.3 | 496 | 1 | US-08-665-926-6 | Sequence 6, Appli |
| 91 | 92 | 5.3 | 496 | 2 | US-09-162-437-6 | Sequence 6, Appli |
| 92 | 92 | 5.3 | 496 | 2 | US-08-740-223A-6 | Sequence 6, Appli |
| 93 | 92 | 5.3 | 496 | 2 | US-09-351-457-4 | Sequence 4, Appli |
| 94 | 92 | 5.3 | 496 | 2 | US-09-561-500-4 | Sequence 4, Appli |
| 95 | 92 | 5.3 | 496 | 2 | US-09-561-108-4 | Sequence 4, Appli |
| 96 | 92 | 5.3 | 496 | 2 | US-09-351-543-4 | Sequence 4, Appli |
| 97 | 92 | 5.3 | 496 | 2 | US-09-561-526-4 | Sequence 4, Appli |
| 98 | 92 | 5.3 | 496 | 2 | US-09-202-491-8 | Sequence 8, Appli |
| 99 | 92 | 5.3 | 496 | 2 | US-08-817-318-6 | Sequence 6, Appli |
| 100 | 92 | 5.3 | 496 | 2 | US-09-709-188-6 | Sequence 6, Appli |
| 101 | 92 | 5.3 | 496 | 2 | US-09-561-499-4 | Sequence 4, Appli |
| 102 | 92 | 5.3 | 496 | 2 | US-09-442-717-6 | Sequence 6, Appli |
| 103 | 92 | 5.3 | 496 | 2 | US-09-689-020-6 | Sequence 6, Appli |
| 104 | 92 | 5.3 | 496 | 2 | US-09-998-831-4 | Sequence 4, Appli |
| 105 | 92 | 5.3 | 496 | 2 | US-09-561-005-4 | Sequence 4, Appli |
| 106 | 92 | 5.3 | 496 | 2 | US-09-819-386-4 | Sequence 4, Appli |
| 107 | 92 | 5.3 | 496 | 2 | US-09-351-598-4 | Sequence 4, Appli |
| 108 | 92 | 5.3 | 496 | 2 | US-10-225-060-6 | Sequence 6, Appli |
| 109 | 92 | 5.3 | 496 | 2 | US-10-018-386-4 | Sequence 4, Appli |

| | | | | | | | | | | | | | |
|-----|------|-----|------|---|--------------------|--------------------|-----|------|-----|------|---|----------------------|---------------------|
| 110 | 92 | 5.3 | 496 | 2 | US-10-215-224-8 | Sequence 8, Appli | 183 | 85.5 | 4.9 | 866 | 2 | US-09-949-002-302 | Sequence 302, App |
| 111 | 92 | 5.3 | 496 | 2 | US-10-214-812-8 | Sequence 8, Appli | 184 | 85.5 | 4.9 | 875 | 2 | US-09-949-016-8582 | Sequence 8582, Ap |
| 112 | 92 | 5.3 | 496 | 2 | US-09-562-245-4 | Sequence 4, Appli | 185 | 85.5 | 4.9 | 875 | 2 | US-09-949-002-455 | Sequence 455, App |
| 113 | 92 | 5.3 | 499 | 2 | US-08-740-223A-24 | Sequence 24, Appli | 186 | 85.5 | 4.9 | 1351 | 2 | US-08-489-039A-11032 | Sequence 11032, A |
| 114 | 92 | 5.3 | 499 | 2 | US-09-709-188-24 | Sequence 24, Appli | 187 | 85.5 | 4.9 | 1358 | 1 | US-08-404-665-4 | Sequence 4, Appli |
| 115 | 92 | 5.3 | 499 | 2 | US-10-225-060-24 | Sequence 24, Appli | 188 | 85.5 | 4.9 | 1358 | 1 | US-08-404-671-4 | Sequence 4, Appli |
| 116 | 91.5 | 5.2 | 2199 | 2 | US-08-733-273C-2 | Sequence 2, Appli | 189 | 85.5 | 4.9 | 1358 | 1 | US-08-404-781-4 | Sequence 4, Appli |
| 117 | 91.5 | 5.2 | 2199 | 4 | PCT-US95-11684-2 | Sequence 2, Appli | 190 | 85.5 | 4.9 | 1358 | 2 | US-09-949-002-353 | Sequence 353, App |
| 118 | 91 | 5.2 | 466 | 1 | US-08-955-138-7 | Sequence 7, Appli | 191 | 85.5 | 4.9 | 1806 | 2 | US-09-919-497-56 | Sequence 56, Appli |
| 119 | 91 | 5.2 | 625 | 2 | US-10-296-144-2 | Sequence 2, Appli | 192 | 85.5 | 4.9 | 1806 | 2 | US-09-919-497-56 | Sequence 56, Appli |
| 120 | 90 | 5.2 | 909 | 2 | US-09-982-616-11 | Sequence 11, Appli | 193 | 84.5 | 4.8 | 494 | 2 | US-09-198-956-2 | Sequence 2, Appli |
| 121 | 90 | 5.2 | 2200 | 2 | US-09-796-575-2 | Sequence 2, Appli | 194 | 84.5 | 4.8 | 494 | 2 | US-09-198-956-2 | Sequence 2, Appli |
| 122 | 89.5 | 5.1 | 496 | 2 | US-08-740-223A-16 | Sequence 16, Appli | 195 | 84.5 | 4.8 | 494 | 2 | US-09-198-956-2 | Sequence 2, Appli |
| 123 | 89.5 | 5.1 | 496 | 2 | US-09-709-188-16 | Sequence 16, Appli | 196 | 84.5 | 4.8 | 623 | 2 | US-09-303-518D-670 | Sequence 670, App |
| 124 | 89.5 | 5.1 | 496 | 2 | US-10-225-060-16 | Sequence 16, Appli | 197 | 84.5 | 4.8 | 725 | 2 | US-09-303-518D-670 | Sequence 670, App |
| 125 | 89.5 | 5.1 | 1810 | 2 | US-08-733-273C-4 | Sequence 4, Appli | 198 | 84.5 | 4.8 | 3012 | 2 | US-08-811-566-2 | Sequence 672, Appli |
| 126 | 89.5 | 5.1 | 1810 | 2 | PCT-US95-11684-4 | Sequence 4, Appli | 199 | 84 | 4.8 | 3012 | 2 | US-09-034-756-2 | Sequence 2, Appli |
| 127 | 89.5 | 5.1 | 2556 | 1 | US-08-185-432-17 | Sequence 17, Appli | 200 | 84 | 4.8 | 399 | 2 | US-09-910-505B-17 | Sequence 2, Appli |
| 128 | 89.5 | 5.1 | 2556 | 2 | US-08-899-232-2 | Sequence 2, Appli | 201 | 83 | 4.8 | 399 | 2 | US-10-403-192-17 | Sequence 17, Appli |
| 129 | 89.5 | 5.1 | 2556 | 2 | US-09-121-457-2 | Sequence 2, Appli | 202 | 83 | 4.8 | 501 | 2 | US-09-645-337A-2 | Sequence 17, Appli |
| 130 | 89 | 5.1 | 470 | 1 | US-08-933-821-6 | Sequence 6, Appli | 203 | 83 | 4.8 | 501 | 2 | US-09-720-529A-8 | Sequence 2, Appli |
| 131 | 89 | 5.1 | 470 | 2 | US-08-360-507-6 | Sequence 6, Appli | 204 | 83 | 4.8 | 2324 | 1 | US-08-283-857-1 | Sequence 8, Appli |
| 132 | 89 | 5.1 | 470 | 2 | US-09-136-828-6 | Sequence 6, Appli | 205 | 83 | 4.8 | 2324 | 1 | PCT-US95-09813-1 | Sequence 1, Appli |
| 133 | 89 | 5.1 | 470 | 2 | US-09-332-928A-6 | Sequence 6, Appli | 206 | 83 | 4.8 | 2355 | 2 | US-10-360-101-235 | Sequence 235, App |
| 134 | 89 | 5.1 | 470 | 2 | US-09-136-801-6 | Sequence 6, Appli | 207 | 83 | 4.8 | 2386 | 1 | US-09-016-366A-12 | Sequence 12, Appli |
| 135 | 89 | 5.1 | 470 | 2 | US-09-332-929-6 | Sequence 6, Appli | 208 | 83 | 4.8 | 2386 | 2 | US-09-961-403-1 | Sequence 1, Appli |
| 136 | 89 | 5.1 | 470 | 2 | US-09-333-075-6 | Sequence 6, Appli | 209 | 83 | 4.8 | 2446 | 1 | US-08-551-356-2 | Sequence 2, Appli |
| 137 | 89 | 5.1 | 470 | 2 | US-09-202-088A-6 | Sequence 6, Appli | 210 | 82.5 | 4.7 | 2446 | 4 | PCT-US93-12687-2 | Sequence 2, Appli |
| 138 | 89 | 5.1 | 470 | 2 | US-08-860-339-18 | Sequence 18, Appli | 211 | 82.5 | 4.7 | 252 | 2 | US-08-812-586-48 | Sequence 48, Appli |
| 139 | 88 | 5.0 | 337 | 1 | US-08-861-464-12 | Sequence 12, Appli | 212 | 82.5 | 4.7 | 252 | 2 | US-09-535-832A-45 | Sequence 45, Appli |
| 140 | 88 | 5.0 | 337 | 1 | US-08-396-001-12 | Sequence 12, Appli | 213 | 82.5 | 4.7 | 312 | 1 | US-08-525-505A-4 | Sequence 4, Appli |
| 141 | 88 | 5.0 | 337 | 2 | US-09-323-433A-12 | Sequence 12, Appli | 214 | 82.5 | 4.7 | 312 | 2 | US-09-976-594-1009 | Sequence 1009, Ap |
| 142 | 88 | 5.0 | 337 | 2 | US-09-826-752-12 | Sequence 12, Appli | 215 | 82.5 | 4.7 | 312 | 2 | US-09-949-002-367 | Sequence 367, App |
| 143 | 88 | 5.0 | 338 | 2 | US-09-949-016-7050 | Sequence 7050, Ap | 216 | 82.5 | 4.7 | 368 | 2 | US-09-596-196-9 | Sequence 9, Appli |
| 144 | 88 | 5.0 | 964 | 2 | US-08-860-339-18 | Sequence 18, Appli | 217 | 82.5 | 4.7 | 388 | 2 | US-09-596-196-4 | Sequence 4, Appli |
| 145 | 88 | 5.0 | 964 | 2 | US-09-403-618A-6 | Sequence 6, Appli | 218 | 82.5 | 4.7 | 459 | 2 | US-08-836-567-4 | Sequence 4, Appli |
| 146 | 88 | 5.0 | 964 | 2 | US-09-573-629-18 | Sequence 18, Appli | 219 | 82.5 | 4.7 | 459 | 2 | US-09-606-304-4 | Sequence 4, Appli |
| 147 | 88 | 5.0 | 964 | 2 | US-10-208-349-18 | Sequence 18, Appli | 220 | 82.5 | 4.7 | 631 | 2 | US-08-814-053-8 | Sequence 8, Appli |
| 148 | 87.5 | 5.0 | 498 | 2 | US-08-740-223A-20 | Sequence 20, Appli | 221 | 82.5 | 4.7 | 631 | 2 | US-09-964-956-7 | Sequence 7, Appli |
| 149 | 87.5 | 5.0 | 498 | 2 | US-09-709-188-20 | Sequence 20, Appli | 222 | 82.5 | 4.7 | 1185 | 2 | US-09-014-416-1 | Sequence 1, Appli |
| 150 | 87.5 | 5.0 | 498 | 2 | US-10-225-060-20 | Sequence 20, Appli | 223 | 82.5 | 4.7 | 3011 | 2 | US-09-952-572-9 | Sequence 9, Appli |
| 151 | 87.5 | 5.0 | 503 | 2 | US-08-740-223A-18 | Sequence 18, Appli | 224 | 82.5 | 4.7 | 3011 | 2 | US-10-259-275-20 | Sequence 20, Appli |
| 152 | 87.5 | 5.0 | 503 | 2 | US-09-202-491-4 | Sequence 4, Appli | 225 | 82 | 4.7 | 793 | 2 | US-09-463-238-5 | Sequence 5, Appli |
| 153 | 87.5 | 5.0 | 503 | 2 | US-09-202-491-10 | Sequence 10, Appli | 226 | 82 | 4.7 | 793 | 2 | 5455158-1 | Patent No. 5455158 |
| 154 | 87.5 | 5.0 | 503 | 2 | US-09-709-188-18 | Sequence 18, Appli | 227 | 82 | 4.7 | 3011 | 2 | US-10-104-966-1 | Sequence 1, Appli |
| 155 | 87.5 | 5.0 | 503 | 2 | US-10-225-060-18 | Sequence 18, Appli | 228 | 82 | 4.7 | 3011 | 2 | US-09-929-955-1 | Sequence 1, Appli |
| 156 | 87.5 | 5.0 | 503 | 2 | US-10-215-224-4 | Sequence 4, Appli | 229 | 81.5 | 4.7 | 256 | 1 | US-09-008-960-3 | Sequence 3, Appli |
| 157 | 87.5 | 5.0 | 503 | 2 | US-10-215-224-10 | Sequence 10, Appli | 230 | 81.5 | 4.7 | 256 | 2 | US-09-368-240-3 | Sequence 3, Appli |
| 158 | 87.5 | 5.0 | 503 | 2 | US-10-214-812-4 | Sequence 4, Appli | 231 | 81.5 | 4.7 | 256 | 2 | US-09-468-702-3 | Sequence 3, Appli |
| 159 | 87.5 | 5.0 | 503 | 2 | US-10-214-812-10 | Sequence 10, Appli | 232 | 81.5 | 4.7 | 257 | 2 | US-09-949-002-491 | Sequence 491, App |
| 160 | 87.5 | 5.0 | 3011 | 1 | US-08-453-552-2 | Sequence 2, Appli | 233 | 81.5 | 4.7 | 279 | 1 | US-09-008-960-1 | Sequence 1, Appli |
| 161 | 87.5 | 5.0 | 3011 | 4 | PCT-US93-00907-2 | Sequence 2, Appli | 234 | 81.5 | 4.7 | 279 | 2 | US-09-368-240-1 | Sequence 1, Appli |
| 162 | 87.5 | 5.0 | 493 | 1 | US-08-933-821-2 | Sequence 2, Appli | 235 | 81.5 | 4.7 | 279 | 2 | US-09-468-702-1 | Sequence 1, Appli |
| 163 | 87 | 5.0 | 493 | 2 | US-08-960-507-2 | Sequence 2, Appli | 236 | 81.5 | 4.7 | 282 | 2 | US-10-000-489-28 | Sequence 28, Appli |
| 164 | 87 | 5.0 | 493 | 2 | US-08-960-507-2 | Sequence 2, Appli | 237 | 81.5 | 4.7 | 441 | 2 | US-09-134-000C-6563 | Sequence 6563, Ap |
| 165 | 87 | 5.0 | 493 | 2 | US-09-136-828-2 | Sequence 2, Appli | 238 | 81.5 | 4.7 | 480 | 2 | US-09-182-859-4 | Sequence 4, Appli |
| 166 | 87 | 5.0 | 493 | 2 | US-09-332-928A-2 | Sequence 2, Appli | 239 | 81.5 | 4.7 | 480 | 2 | US-09-170-670-5 | Sequence 5, Appli |
| 167 | 87 | 5.0 | 493 | 2 | US-09-136-801-2 | Sequence 2, Appli | 240 | 81.5 | 4.7 | 480 | 2 | US-09-193-068-5 | Sequence 5, Appli |
| 168 | 87 | 5.0 | 493 | 2 | US-09-332-929-2 | Sequence 2, Appli | 241 | 81.5 | 4.7 | 480 | 2 | US-09-183-412-5 | Sequence 5, Appli |
| 169 | 87 | 5.0 | 493 | 2 | US-09-333-075-2 | Sequence 2, Appli | 242 | 81.5 | 4.7 | 480 | 2 | US-09-290-734-5 | Sequence 5, Appli |
| 170 | 87 | 5.0 | 493 | 2 | US-09-202-088A-2 | Sequence 2, Appli | 243 | 81.5 | 4.7 | 480 | 2 | US-09-672-459-4 | Sequence 4, Appli |
| 171 | 87 | 5.0 | 493 | 2 | US-08-333-077-2 | Sequence 2, Appli | 244 | 81.5 | 4.7 | 480 | 2 | US-09-545-566-5 | Sequence 5, Appli |
| 172 | 87 | 5.0 | 493 | 2 | US-08-333-077-2 | Sequence 2, Appli | 245 | 81.5 | 4.7 | 480 | 2 | US-10-186-042-4 | Sequence 4, Appli |
| 173 | 86.5 | 5.0 | 496 | 2 | US-08-740-223A-15 | Sequence 15, Appli | 246 | 81.5 | 4.7 | 480 | 2 | US-09-769-864-5 | Sequence 5, Appli |
| 174 | 86.5 | 5.0 | 496 | 2 | US-09-709-188-15 | Sequence 15, Appli | 247 | 81.5 | 4.7 | 480 | 2 | US-09-441-313-5 | Sequence 5, Appli |
| 175 | 86.5 | 5.0 | 496 | 2 | US-10-225-060-15 | Sequence 15, Appli | 248 | 81.5 | 4.7 | 483 | 1 | US-08-600-908A-13 | Sequence 13, Appli |
| 176 | 86.5 | 5.0 | 641 | 2 | US-08-836-567-10 | Sequence 10, Appli | 249 | 81.5 | 4.7 | 483 | 2 | US-08-683-838A-13 | Sequence 13, Appli |
| 177 | 86.5 | 5.0 | 641 | 2 | US-09-606-304-10 | Sequence 10, Appli | 250 | 81.5 | 4.7 | 483 | 2 | US-09-291-023A-16 | Sequence 16, Appli |
| 178 | 86.5 | 5.0 | 2556 | 1 | US-08-083-590A-20 | Sequence 20, Appli | 251 | 81.5 | 4.7 | 483 | 2 | US-03-537-168-6 | Sequence 6, Appli |
| 179 | 86.5 | 5.0 | 2556 | 2 | US-08-532-384-20 | Sequence 20, Appli | 252 | 81.5 | 4.7 | 483 | 2 | US-09-636-452A-13 | Sequence 13, Appli |
| 180 | 85.5 | 4.9 | 804 | 2 | US-08-981-446B-3 | Sequence 3, Appli | 253 | 81.5 | 4.7 | 483 | 2 | US-09-381-687-6 | Sequence 6, Appli |
| 181 | 85.5 | 4.9 | 831 | 2 | US-10-360-101-236 | Sequence 236, App | 254 | 81.5 | 4.7 | 483 | 2 | US-09-540-715A-16 | Sequence 16, Appli |
| 182 | 85.5 | 4.9 | 847 | 2 | US-09-373-157-4 | Sequence 4, Appli | 255 | 81.5 | 4.7 | 514 | 1 | US-08-720-899-4 | Sequence 4, Appli |

| | | | | | | | | | | | | | |
|-----|------|-----|------|---|----------------------|--------------------|-----|------|-----|------|---|----------------------|--------------------|
| 256 | 81.5 | 4.7 | 514 | 1 | US-08-459-610-4 | Sequence 4, Appli | 329 | 79.5 | 4.6 | 3011 | 4 | PCT-US95-01087-1 | Sequence 1, Appli |
| 257 | 81.5 | 4.7 | 514 | 1 | US-08-343-804-4 | Sequence 4, Appli | 330 | 79 | 4.5 | 236 | 2 | US-08-886-269-4 | Sequence 4, Appli |
| 258 | 81.5 | 4.7 | 514 | 1 | US-08-687-399-4 | Sequence 4, Appli | 331 | 79 | 4.5 | 236 | 2 | US-09-167-647-5 | Sequence 5, Appli |
| 259 | 81.5 | 4.7 | 514 | 1 | US-08-600-908A-4 | Sequence 4, Appli | 332 | 79 | 4.5 | 415 | 2 | US-09-949-016-9611 | Sequence 9611, Ap |
| 260 | 81.5 | 4.7 | 514 | 2 | US-08-683-838A-4 | Sequence 4, Appli | 333 | 79 | 4.5 | 625 | 2 | US-08-996-139-15 | Sequence 15, Appli |
| 261 | 81.5 | 4.7 | 514 | 2 | US-09-264-097-4 | Sequence 4, Appli | 334 | 79 | 4.5 | 625 | 2 | US-08-995-659-15 | Sequence 15, Appli |
| 262 | 81.5 | 4.7 | 514 | 2 | US-09-636-252A-4 | Sequence 4, Appli | 335 | 79 | 4.5 | 625 | 2 | US-09-215-649A-15 | Sequence 15, Appli |
| 263 | 81.5 | 4.7 | 520 | 1 | US-08-468-700-36 | Sequence 36, Appli | 336 | 79 | 4.5 | 625 | 2 | US-09-577-780-15 | Sequence 15, Appli |
| 264 | 81.5 | 4.7 | 520 | 1 | US-08-645-971-4 | Sequence 4, Appli | 337 | 79 | 4.5 | 625 | 2 | US-09-577-800-15 | Sequence 15, Appli |
| 265 | 81.5 | 4.7 | 520 | 1 | US-08-468-220-34 | Sequence 34, Appli | 338 | 79 | 4.5 | 625 | 2 | US-09-466-496-15 | Sequence 15, Appli |
| 266 | 81.5 | 4.7 | 520 | 1 | US-08-468-698-34 | Sequence 34, Appli | 339 | 79 | 4.5 | 625 | 2 | US-09-871-856-15 | Sequence 15, Appli |
| 267 | 81.5 | 4.7 | 520 | 1 | US-08-704-706A-36 | Sequence 36, Appli | 340 | 79 | 4.5 | 625 | 2 | US-09-871-291-15 | Sequence 15, Appli |
| 268 | 81.5 | 4.7 | 520 | 2 | US-08-890-383-5 | Sequence 5, Appli | 341 | 79 | 4.5 | 625 | 2 | US-09-877-650-15 | Sequence 15, Appli |
| 269 | 81.5 | 4.7 | 520 | 2 | US-08-914-679A-5 | Sequence 5, Appli | 342 | 79 | 4.5 | 625 | 2 | US-09-865-363-15 | Sequence 15, Appli |
| 270 | 81.5 | 4.7 | 520 | 2 | US-08-985-659-37 | Sequence 37, Appli | 343 | 79 | 4.5 | 625 | 2 | US-09-688-459-15 | Sequence 15, Appli |
| 271 | 81.5 | 4.7 | 520 | 2 | US-08-194-664A-34 | Sequence 34, Appli | 344 | 79 | 4.5 | 625 | 2 | US-09-957-944-4 | Sequence 4, Appli |
| 272 | 81.5 | 4.7 | 520 | 4 | PCT-US94-01553A-34 | Sequence 34, Appli | 345 | 79 | 4.5 | 838 | 2 | US-09-463-238-14 | Sequence 14, Appli |
| 273 | 81.5 | 4.7 | 520 | 4 | PCT-US95-10426-34 | Sequence 34, Appli | 346 | 79 | 4.5 | 919 | 1 | US-08-788-674-4 | Sequence 4, Appli |
| 274 | 81.5 | 4.7 | 600 | 2 | US-09-134-001C-5293 | Sequence 5293, Ap | 347 | 79 | 4.5 | 1277 | 2 | US-09-397-885-3 | Sequence 3, Appli |
| 275 | 81.5 | 4.7 | 719 | 2 | US-08-765-907A-15 | Sequence 15, Appli | 348 | 79 | 4.5 | 1277 | 2 | US-09-969-362-3 | Sequence 3, Appli |
| 276 | 81.5 | 4.7 | 719 | 2 | US-09-987-614A-15 | Sequence 15, Appli | 349 | 78.5 | 4.5 | 441 | 1 | US-08-188-281B-21 | Sequence 21, Appli |
| 277 | 81.5 | 4.7 | 762 | 2 | US-10-238-091-7 | Sequence 7, Appli | 350 | 78.5 | 4.5 | 441 | 1 | PCT-US94-07280-21 | Sequence 21, Appli |
| 278 | 81.5 | 4.7 | 762 | 2 | US-09-674-817D-7 | Sequence 7, Appli | 351 | 78.5 | 4.5 | 441 | 4 | PCT-US95-01087-21 | Sequence 21, Appli |
| 279 | 81 | 4.6 | 251 | 2 | US-09-373-157-1 | Sequence 1, Appli | 352 | 78.5 | 4.5 | 491 | 1 | US-08-360-673-4 | Sequence 4, Appli |
| 280 | 81 | 4.6 | 432 | 2 | US-09-442-143A-4 | Sequence 4, Appli | 353 | 78.5 | 4.5 | 491 | 1 | US-09-965-175-2 | Sequence 2, Appli |
| 281 | 81 | 4.6 | 432 | 2 | US-09-902-563-4 | Sequence 4, Appli | 354 | 78.5 | 4.5 | 491 | 5 | US-09-640-305-4 | Sequence 4, Appli |
| 282 | 81 | 4.6 | 666 | 2 | US-09-341-587-1 | Sequence 1, Appli | 355 | 78.5 | 4.5 | 698 | 2 | US-08-941-445A-11 | Sequence 11, Appli |
| 283 | 81 | 4.6 | 1785 | 2 | US-09-341-587-3 | Sequence 3, Appli | 356 | 78.5 | 4.5 | 764 | 2 | US-10-238-091-3 | Sequence 3, Appli |
| 284 | 80.5 | 4.6 | 159 | 2 | US-09-248-796A-20404 | Sequence 20404, A | 357 | 78.5 | 4.5 | 764 | 2 | US-09-674-817D-3 | Sequence 3, Appli |
| 285 | 80.5 | 4.6 | 713 | 2 | US-09-489-039A-10668 | Sequence 10668, A | 358 | 78.5 | 4.5 | 789 | 2 | US-09-252-991A-27011 | Sequence 27011, A |
| 286 | 80.5 | 4.6 | 867 | 2 | US-09-711-164-357 | Sequence 357, App | 359 | 78.5 | 4.5 | 944 | 1 | US-08-867-941-23 | Sequence 23, Appli |
| 287 | 80.5 | 4.6 | 883 | 2 | US-09-489-039A-13542 | Sequence 13542, A | 360 | 78.5 | 4.5 | 944 | 2 | US-09-074-658-23 | Sequence 23, Appli |
| 288 | 80.5 | 4.6 | 994 | 2 | US-08-542-635-2 | Sequence 2, Appli | 361 | 78.5 | 4.5 | 1430 | 2 | US-09-008-172-2 | Sequence 2, Appli |
| 289 | 80.5 | 4.6 | 1466 | 6 | 5256642-6 | Patent No. 5256642 | 362 | 78.5 | 4.5 | 1430 | 2 | US-09-210-361-6 | Sequence 6, Appli |
| 290 | 80.5 | 4.6 | 1466 | 6 | 5472939-6 | Patent No. 5472939 | 363 | 78.5 | 4.5 | 1430 | 2 | US-09-740-274-6 | Sequence 6, Appli |
| 291 | 80.5 | 4.6 | 1537 | 6 | 5256642-5 | Patent No. 5256642 | 364 | 78.5 | 4.5 | 1436 | 2 | US-09-578-063-78 | Sequence 78, Appli |
| 292 | 80.5 | 4.6 | 1537 | 6 | 5472939-5 | Patent No. 5472939 | 365 | 78 | 4.5 | 191 | 1 | US-08-709-912-11 | Sequence 11, Appli |
| 293 | 80.5 | 4.6 | 1847 | 6 | 5256642-10 | Patent No. 5256642 | 366 | 78 | 4.5 | 191 | 1 | US-09-047-370-11 | Sequence 11, Appli |
| 294 | 80.5 | 4.6 | 1847 | 6 | 5472939-10 | Patent No. 5472939 | 367 | 78 | 4.5 | 200 | 1 | US-07-744-570B-2 | Sequence 2, Appli |
| 295 | 80.5 | 4.6 | 1947 | 2 | US-09-612-314A-52 | Sequence 52, Appli | 368 | 78 | 4.5 | 340 | 2 | US-09-252-991A-26274 | Sequence 26274, A |
| 296 | 80.5 | 4.6 | 1998 | 2 | US-08-126-505A-13 | Sequence 13, Appli | 369 | 78 | 4.5 | 762 | 2 | US-09-733-643B-17 | Sequence 17, Appli |
| 297 | 80.5 | 4.6 | 2039 | 6 | 5256642-2 | Patent No. 5256642 | 370 | 78 | 4.5 | 820 | 2 | US-09-252-991A-25454 | Sequence 25454, A |
| 298 | 80.5 | 4.6 | 2039 | 6 | 5472939-2 | Patent No. 5472939 | 371 | 77.5 | 4.4 | 405 | 2 | US-09-291-023A-20 | Sequence 20, Appli |
| 299 | 80 | 4.6 | 14 | 2 | US-09-227-357-326 | Sequence 326, App | 372 | 77.5 | 4.4 | 405 | 2 | US-09-540-715A-20 | Sequence 20, Appli |
| 300 | 80 | 4.6 | 14 | 2 | US-09-973-278-321 | Sequence 321, App | 373 | 77.5 | 4.4 | 417 | 1 | US-08-188-281B-19 | Sequence 19, Appli |
| 301 | 80 | 4.6 | 395 | 2 | US-09-603-208A-28 | Sequence 28, Appli | 374 | 77.5 | 4.4 | 417 | 4 | PCT-US94-07280-19 | Sequence 19, Appli |
| 302 | 80 | 4.6 | 439 | 2 | US-09-442-143A-2 | Sequence 2, Appli | 375 | 77.5 | 4.4 | 417 | 4 | PCT-US95-01087-19 | Sequence 19, Appli |
| 303 | 80 | 4.6 | 439 | 2 | US-09-902-563-2 | Sequence 2, Appli | 376 | 77.5 | 4.4 | 483 | 2 | US-09-182-859-2 | Sequence 2, Appli |
| 304 | 79.5 | 4.6 | 372 | 2 | US-07-791-931-4 | Sequence 4, Appli | 377 | 77.5 | 4.4 | 483 | 2 | US-09-170-670-4 | Sequence 4, Appli |
| 305 | 79.5 | 4.6 | 372 | 2 | US-10-300-819B-20 | Sequence 20, Appli | 378 | 77.5 | 4.4 | 483 | 2 | US-09-193-068-4 | Sequence 4, Appli |
| 306 | 79.5 | 4.6 | 383 | 2 | US-09-949-016-10060 | Sequence 10060, A | 379 | 77.5 | 4.4 | 483 | 2 | US-09-183-412-4 | Sequence 4, Appli |
| 307 | 79.5 | 4.6 | 490 | 1 | US-08-188-281B-15 | Sequence 15, Appli | 380 | 77.5 | 4.4 | 483 | 2 | US-09-264-097-2 | Sequence 2, Appli |
| 308 | 79.5 | 4.6 | 490 | 4 | PCT-US94-07280-15 | Sequence 15, Appli | 381 | 77.5 | 4.4 | 483 | 2 | US-09-291-023A-21 | Sequence 21, Appli |
| 309 | 79.5 | 4.6 | 490 | 4 | PCT-US95-01087-15 | Sequence 15, Appli | 382 | 77.5 | 4.4 | 483 | 2 | US-09-290-734-4 | Sequence 4, Appli |
| 310 | 79.5 | 4.6 | 749 | 2 | US-09-562-737-96 | Sequence 96, Appli | 383 | 77.5 | 4.4 | 483 | 2 | US-09-537-168-4 | Sequence 4, Appli |
| 311 | 79.5 | 4.6 | 750 | 2 | US-09-185-160-14 | Sequence 14, Appli | 384 | 77.5 | 4.4 | 483 | 2 | US-09-672-459-2 | Sequence 2, Appli |
| 312 | 79.5 | 4.6 | 750 | 2 | US-09-508-824-12 | Sequence 12, Appli | 385 | 77.5 | 4.4 | 483 | 2 | US-09-545-586-4 | Sequence 4, Appli |
| 313 | 79.5 | 4.6 | 967 | 1 | US-08-188-281B-13 | Sequence 13, Appli | 386 | 77.5 | 4.4 | 483 | 2 | US-09-540-715A-21 | Sequence 21, Appli |
| 314 | 79.5 | 4.6 | 967 | 4 | PCT-US94-07280-13 | Sequence 13, Appli | 387 | 77.5 | 4.4 | 483 | 2 | US-10-186-042-2 | Sequence 2, Appli |
| 315 | 79.5 | 4.6 | 967 | 4 | PCT-US95-01087-13 | Sequence 13, Appli | 388 | 77.5 | 4.4 | 483 | 2 | US-09-769-864-4 | Sequence 4, Appli |
| 316 | 79.5 | 4.6 | 970 | 1 | US-08-449-645A-11 | Sequence 11, Appli | 389 | 77.5 | 4.4 | 483 | 2 | US-09-441-313-4 | Sequence 4, Appli |
| 317 | 79.5 | 4.6 | 970 | 1 | US-08-702-367A-11 | Sequence 11, Appli | 390 | 77.5 | 4.4 | 491 | 1 | US-08-933-821-4 | Sequence 4, Appli |
| 318 | 79.5 | 4.6 | 970 | 4 | PCT-US95-04681-11 | Sequence 11, Appli | 391 | 77.5 | 4.4 | 491 | 2 | US-08-960-507-4 | Sequence 4, Appli |
| 319 | 79.5 | 4.6 | 986 | 2 | US-09-403-618A-5 | Sequence 5, Appli | 392 | 77.5 | 4.4 | 491 | 2 | US-09-136-828-4 | Sequence 4, Appli |
| 320 | 79.5 | 4.6 | 1648 | 1 | US-08-188-281B-12 | Sequence 12, Appli | 393 | 77.5 | 4.4 | 491 | 2 | US-09-332-928A-4 | Sequence 4, Appli |
| 321 | 79.5 | 4.6 | 1648 | 4 | PCT-US94-07280-12 | Sequence 12, Appli | 394 | 77.5 | 4.4 | 491 | 2 | US-09-136-801-4 | Sequence 4, Appli |
| 322 | 79.5 | 4.6 | 1648 | 4 | PCT-US95-01087-12 | Sequence 12, Appli | 395 | 77.5 | 4.4 | 491 | 2 | US-09-333-929-4 | Sequence 4, Appli |
| 323 | 79.5 | 4.6 | 2489 | 2 | US-09-911-842A-5 | Sequence 5, Appli | 396 | 77.5 | 4.4 | 491 | 2 | US-09-333-075-4 | Sequence 4, Appli |
| 324 | 79.5 | 4.6 | 3011 | 1 | US-08-188-281B-1 | Sequence 1, Appli | 397 | 77.5 | 4.4 | 491 | 2 | US-09-658-644-2 | Sequence 2, Appli |
| 325 | 79.5 | 4.6 | 3011 | 1 | US-08-453-552-1 | Sequence 1, Appli | 398 | 77.5 | 4.4 | 491 | 2 | US-09-202-088A-4 | Sequence 4, Appli |
| 326 | 79.5 | 4.6 | 3011 | 1 | US-08-710-637-1 | Sequence 1, Appli | 399 | 77.5 | 4.4 | 491 | 2 | US-09-333-077-4 | Sequence 4, Appli |
| 327 | 79.5 | 4.6 | 3011 | 4 | PCT-US93-00907-1 | Sequence 1, Appli | 400 | 77.5 | 4.4 | 491 | 2 | US-09-949-016-7569 | Sequence 7569, Ap |
| 328 | 79.5 | 4.6 | 3011 | 4 | PCT-US94-07280-1 | Sequence 1, Appli | 401 | 77.5 | 4.4 | 512 | 1 | US-08-720-899-2 | Sequence 2, Appli |

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|-----|------|-----|------|---|----------------------|--------------------|-----|------|-----|------|---|----------------------|--------------------|
| 402 | 77.5 | 4.4 | 512 | 1 | US-08-459-610-2 | Sequence 2, Appli | 475 | 76 | 4.4 | 660 | 2 | US-08-483-577A-10 | Sequence 10, Appli |
| 403 | 77.5 | 4.4 | 512 | 1 | US-08-343-804-2 | Sequence 2, Appli | 476 | 76 | 4.4 | 660 | 2 | US-08-897-438-8 | Sequence 8, Appli |
| 404 | 77.5 | 4.4 | 512 | 1 | US-08-687-399-2 | Sequence 2, Appli | 477 | 76 | 4.4 | 660 | 2 | US-08-897-438-10 | Sequence 10, Appli |
| 405 | 77.5 | 4.4 | 512 | 1 | US-08-600-908A-2 | Sequence 2, Appli | 478 | 76 | 4.4 | 660 | 2 | US-08-637-654-8 | Sequence 8, Appli |
| 406 | 77.5 | 4.4 | 512 | 2 | US-08-683-838A-2 | Sequence 2, Appli | 479 | 76 | 4.4 | 660 | 2 | US-08-637-654-10 | Sequence 10, Appli |
| 407 | 77.5 | 4.4 | 512 | 2 | US-09-636-252A-2 | Sequence 2, Appli | 480 | 76 | 4.4 | 660 | 2 | US-08-649-518-8 | Sequence 8, Appli |
| 408 | 77.5 | 4.4 | 642 | 2 | US-10-152-886-9 | Sequence 9, Appli | 481 | 76 | 4.4 | 660 | 2 | US-08-649-518-10 | Sequence 10, Appli |
| 409 | 77.5 | 4.4 | 3011 | 2 | US-08-811-566-20 | Sequence 20, Appli | 482 | 76 | 4.4 | 719 | 2 | US-09-386-607B-2 | Sequence 2, Appli |
| 410 | 77.5 | 4.4 | 3011 | 2 | US-09-034-756-20 | Sequence 20, Appli | 483 | 76 | 4.4 | 719 | 2 | US-09-645-707B-2 | Sequence 2, Appli |
| 411 | 77 | 4.4 | 191 | 1 | US-08-044-621D-35 | Sequence 35, Appli | 484 | 76 | 4.4 | 719 | 2 | US-09-607-142A-2 | Sequence 2, Appli |
| 412 | 77 | 4.4 | 216 | 1 | US-08-315-695-20 | Sequence 20, Appli | 485 | 76 | 4.4 | 719 | 2 | US-09-831-656-2 | Sequence 2, Appli |
| 413 | 77 | 4.4 | 240 | 2 | US-09-570-856B-16 | Sequence 16, Appli | 486 | 76 | 4.4 | 766 | 2 | US-09-328-352-8230 | Sequence 2, Appli |
| 414 | 77 | 4.4 | 341 | 2 | US-09-412-600B-2 | Sequence 2, Appli | 487 | 76 | 4.4 | 890 | 1 | US-08-483-101-14 | Sequence 14, Appli |
| 415 | 77 | 4.4 | 377 | 1 | US-08-169-948B-14 | Sequence 14, Appli | 488 | 76 | 4.4 | 1469 | 2 | US-09-262-537-58 | Sequence 58, Appli |
| 416 | 77 | 4.4 | 377 | 1 | US-08-448-873-14 | Sequence 14, Appli | 489 | 76 | 4.4 | 1882 | 2 | US-09-369-364A-13 | Sequence 13, Appli |
| 417 | 77 | 4.4 | 377 | 2 | US-08-382-452D-14 | Sequence 14, Appli | 490 | 76 | 4.4 | 3830 | 2 | US-09-693-205A-4 | Sequence 4, Appli |
| 418 | 77 | 4.4 | 377 | 2 | US-08-507-362A-6 | Sequence 6, Appli | 491 | 75.5 | 4.3 | 242 | 2 | US-08-944-483-29 | Sequence 29, Appli |
| 419 | 77 | 4.4 | 377 | 2 | US-09-916-494A-14 | Sequence 14, Appli | 492 | 75.5 | 4.3 | 310 | 2 | US-07-791-931-6 | Sequence 6, Appli |
| 420 | 77 | 4.4 | 436 | 2 | US-08-709-974A-2 | Sequence 2, Appli | 493 | 75.5 | 4.3 | 397 | 2 | US-10-104-047-3904 | Sequence 3904, Ap |
| 421 | 77 | 4.4 | 449 | 2 | US-09-949-016-9614 | Sequence 9614, Ap | 494 | 75.5 | 4.3 | 401 | 2 | US-09-949-016-7956 | Sequence 7956, Ap |
| 422 | 77 | 4.4 | 449 | 2 | US-09-949-016-9615 | Sequence 9615, Ap | 495 | 75.5 | 4.3 | 406 | 2 | US-08-934-494-2 | Sequence 2, Appli |
| 423 | 77 | 4.4 | 453 | 1 | US-08-206-176-6 | Sequence 6, Appli | 496 | 75.5 | 4.3 | 406 | 2 | US-09-143-068-2 | Sequence 2, Appli |
| 424 | 77 | 4.4 | 453 | 1 | US-08-380-438-2 | Sequence 2, Appli | 497 | 75.5 | 4.3 | 406 | 2 | US-09-143-707-2 | Sequence 2, Appli |
| 425 | 77 | 4.4 | 459 | 1 | US-08-676-166A-6 | Sequence 6, Appli | 498 | 75.5 | 4.3 | 406 | 2 | US-09-202-089-2 | Sequence 2, Appli |
| 426 | 77 | 4.4 | 465 | 2 | US-09-949-016-8583 | Sequence 8583, Ap | 499 | 75.5 | 4.3 | 406 | 2 | US-09-511-133-2 | Sequence 2, Appli |
| 427 | 77 | 4.4 | 465 | 2 | US-09-949-016-8584 | Sequence 8584, Ap | 500 | 75.5 | 4.3 | 406 | 2 | US-09-690-169-2 | Sequence 2, Appli |
| 428 | 77 | 4.4 | 602 | 2 | US-09-489-039A-12436 | Sequence 12436, A | 501 | 75.5 | 4.3 | 406 | 2 | US-09-511-631-2 | Sequence 2, Appli |
| 429 | 77 | 4.4 | 741 | 2 | US-09-328-352-5898 | Sequence 5898, Ap | 502 | 75.5 | 4.3 | 406 | 2 | US-09-461-325-206 | Sequence 206, App |
| 430 | 77 | 4.4 | 1358 | 2 | US-09-538-092-339 | Sequence 339, App | 503 | 75.5 | 4.3 | 406 | 2 | US-09-690-189-2 | Sequence 2, Appli |
| 431 | 77 | 4.4 | 1506 | 2 | US-09-502-540-10944 | Sequence 10944, A | 504 | 75.5 | 4.3 | 406 | 2 | US-10-012-542-206 | Sequence 206, App |
| 432 | 76.5 | 4.4 | 403 | 1 | US-08-483-695-5 | Sequence 5, Appli | 505 | 75.5 | 4.3 | 405 | 2 | US-10-115-123-206 | Sequence 206, App |
| 433 | 76.5 | 4.4 | 403 | 1 | US-07-965-285-5 | Sequence 5, Appli | 506 | 75.5 | 4.3 | 405 | 2 | US-09-949-016-7904 | Sequence 7904, Ap |
| 434 | 76.5 | 4.4 | 403 | 1 | US-08-487-231-5 | Sequence 5, Appli | 507 | 75.5 | 4.3 | 457 | 2 | US-09-452-638-53 | Sequence 53, Appli |
| 435 | 76.5 | 4.4 | 403 | 1 | US-09-201-912-5 | Sequence 5, Appli | 508 | 75.5 | 4.3 | 3421 | 2 | US-09-121-587A-13 | Sequence 13, Appli |
| 436 | 76.5 | 4.4 | 560 | 2 | US-08-814-052-6 | Sequence 6, Appli | 509 | 75.5 | 4.3 | 3421 | 2 | US-09-025-769B-21 | Sequence 21, Appli |
| 437 | 76.5 | 4.4 | 560 | 2 | US-08-812-829-6 | Sequence 6, Appli | 510 | 75.5 | 4.3 | 119 | 2 | US-09-490-070A-21 | Sequence 21, Appli |
| 438 | 76.5 | 4.4 | 637 | 2 | US-09-107-433-4391 | Sequence 4391, Ap | 511 | 75.5 | 4.3 | 119 | 2 | US-09-490-153-21 | Sequence 21, Appli |
| 439 | 76.5 | 4.4 | 750 | 2 | US-08-814-052-2 | Sequence 2, Appli | 512 | 75.5 | 4.3 | 119 | 2 | US-07-857-224B-69 | Sequence 69, Appli |
| 440 | 76.5 | 4.4 | 750 | 2 | US-08-812-829-2 | Sequence 2, Appli | 513 | 75.5 | 4.3 | 389 | 2 | US-09-311-626B-18 | Sequence 18, Appli |
| 441 | 76.5 | 4.4 | 905 | 2 | US-09-369-364A-9 | Sequence 9, Appli | 514 | 75.5 | 4.3 | 389 | 2 | US-08-661-464-14 | Sequence 14, Appli |
| 442 | 76.5 | 4.4 | 1456 | 2 | US-09-976-594-168 | Sequence 168, App | 515 | 75.5 | 4.3 | 475 | 1 | US-08-396-001-14 | Sequence 14, Appli |
| 443 | 76.5 | 4.4 | 1739 | 2 | US-09-795-061-2 | Sequence 2, Appli | 516 | 75.5 | 4.3 | 475 | 1 | US-09-323-433A-14 | Sequence 14, Appli |
| 444 | 76 | 4.4 | 236 | 2 | US-08-886-269-1 | Sequence 1, Appli | 517 | 75 | 4.3 | 475 | 1 | US-09-826-752-14 | Sequence 14, Appli |
| 445 | 76 | 4.4 | 236 | 2 | US-08-886-269-2 | Sequence 2, Appli | 518 | 75 | 4.3 | 475 | 1 | US-09-949-016-8960 | Sequence 8960, Ap |
| 446 | 76 | 4.4 | 236 | 2 | US-09-167-647-1 | Sequence 1, Appli | 519 | 75 | 4.3 | 574 | 2 | US-09-949-016-6631 | Sequence 6631, Ap |
| 447 | 76 | 4.4 | 236 | 2 | US-09-167-647-2 | Sequence 2, Appli | 520 | 75 | 4.3 | 607 | 2 | US-09-344-882-18 | Sequence 18, Appli |
| 448 | 76 | 4.4 | 236 | 2 | US-09-373-157-2 | Sequence 2, Appli | 521 | 75 | 4.3 | 607 | 2 | US-10-293-865-18 | Sequence 18, Appli |
| 449 | 76 | 4.4 | 305 | 2 | US-08-478-073-2 | Sequence 2, Appli | 522 | 75 | 4.3 | 633 | 4 | PCT-US93-12687-4 | Sequence 4, Appli |
| 450 | 76 | 4.4 | 377 | 1 | US-08-525-697-2 | Sequence 2, Appli | 523 | 75 | 4.3 | 645 | 2 | US-09-315-127-9 | Sequence 9, Appli |
| 451 | 76 | 4.4 | 433 | 2 | US-08-624-735E-9 | Sequence 9, Appli | 524 | 75 | 4.3 | 788 | 2 | US-09-489-039A-12831 | Sequence 12831, A |
| 452 | 76 | 4.4 | 433 | 2 | US-09-645-337A-13 | Sequence 13, Appli | 525 | 75 | 4.3 | 1044 | 2 | US-10-101-464A-956 | Sequence 956, App |
| 453 | 76 | 4.4 | 444 | 2 | US-09-252-991A-17767 | Sequence 17767, A | 526 | 75 | 4.3 | 1336 | 4 | US-08-551-356-6 | Sequence 6, Appli |
| 454 | 76 | 4.4 | 489 | 2 | US-09-986-536-2 | Sequence 2, Appli | 527 | 75 | 4.3 | 1336 | 4 | PCT-US93-12687-6 | Sequence 6, Appli |
| 455 | 76 | 4.4 | 490 | 2 | US-09-339-159B-2 | Sequence 2, Appli | 528 | 75 | 4.3 | 189 | 1 | US-08-709-912-12 | Sequence 12, Appli |
| 456 | 76 | 4.4 | 583 | 2 | US-08-481-190-19 | Sequence 19, Appli | 529 | 75 | 4.3 | 189 | 1 | US-09-047-370-12 | Sequence 12, Appli |
| 457 | 76 | 4.4 | 583 | 2 | PCT-US93-00869-19 | Sequence 19, Appli | 530 | 75 | 4.3 | 261 | 2 | US-09-110-959A-2 | Sequence 2, Appli |
| 458 | 76 | 4.4 | 632 | 2 | US-09-569-037-3 | Sequence 3, Appli | 531 | 75 | 4.3 | 415 | 1 | US-08-073-531B-1 | Sequence 1, Appli |
| 459 | 76 | 4.4 | 647 | 2 | US-08-483-577A-148 | Sequence 148, App | 532 | 75 | 4.3 | 415 | 1 | US-08-295-411-2 | Sequence 2, Appli |
| 460 | 76 | 4.4 | 647 | 2 | US-08-897-438-148 | Sequence 148, App | 533 | 75 | 4.3 | 415 | 1 | US-08-955-471-2 | Sequence 2, Appli |
| 461 | 76 | 4.4 | 647 | 2 | US-08-649-518-148 | Sequence 148, App | 534 | 75 | 4.3 | 415 | 1 | US-08-766-288-1 | Sequence 1, Appli |
| 462 | 76 | 4.4 | 654 | 2 | US-09-315-127-11 | Sequence 11, Appli | 535 | 75 | 4.3 | 415 | 1 | PCT-US92-10242-2 | Sequence 2, Appli |
| 463 | 76 | 4.4 | 654 | 2 | US-09-315-127-12 | Sequence 12, Appli | 536 | 75 | 4.3 | 415 | 1 | | |
| 464 | 76 | 4.4 | 660 | 1 | US-08-487-890A-8 | Sequence 8, Appli | 537 | 75 | 4.3 | 415 | 1 | | |
| 465 | 76 | 4.4 | 660 | 1 | US-08-487-890A-10 | Sequence 10, Appli | 538 | 75 | 4.3 | 415 | 1 | | |
| 466 | 76 | 4.4 | 660 | 1 | US-08-478-435-8 | Sequence 8, Appli | 539 | 75 | 4.3 | 415 | 1 | | |
| 467 | 76 | 4.4 | 660 | 1 | US-08-478-435-10 | Sequence 10, Appli | 540 | 74.5 | 4.3 | 415 | 1 | | |
| 468 | 76 | 4.4 | 660 | 1 | US-08-337-483-8 | Sequence 8, Appli | 541 | 74.5 | 4.3 | 415 | 1 | | |
| 469 | 76 | 4.4 | 660 | 1 | US-08-337-483-10 | Sequence 10, Appli | 542 | 74.5 | 4.3 | 415 | 1 | | |
| 470 | 76 | 4.4 | 660 | 1 | US-08-478-373-8 | Sequence 8, Appli | 543 | 74.5 | 4.3 | 415 | 1 | | |
| 471 | 76 | 4.4 | 660 | 1 | US-08-478-373-10 | Sequence 10, Appli | 544 | 74.5 | 4.3 | 415 | 1 | | |
| 472 | 76 | 4.4 | 660 | 2 | US-08-474-671-8 | Sequence 8, Appli | 545 | 74.5 | 4.3 | 415 | 1 | | |
| 473 | 76 | 4.4 | 660 | 2 | US-08-474-671-10 | Sequence 10, Appli | 546 | 74.5 | 4.3 | 415 | 1 | | |
| 474 | 76 | 4.4 | 660 | 2 | US-08-483-577A-8 | Sequence 8, Appli | 547 | 74.5 | 4.3 | 415 | 1 | | |

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|-----|------|-----|------|---|----------------------|-------------------|-----|------|-----|------|---|----------------------|-------------------|
| 548 | 74.5 | 4.3 | 483 | 1 | US-08-468-700-34 | Sequence 34, Appl | 621 | 73.5 | 4.2 | 834 | 2 | US-10-188-495-65 | Sequence 65, Appl |
| 549 | 74.5 | 4.3 | 483 | 1 | US-08-468-220-32 | Sequence 32, Appl | 622 | 73.5 | 4.2 | 884 | 1 | US-08-066-167-2 | Sequence 2, Appl |
| 550 | 74.5 | 4.3 | 483 | 1 | US-08-468-220-36 | Sequence 36, Appl | 623 | 73.5 | 4.2 | 908 | 1 | US-08-487-890A-94 | Sequence 94, Appl |
| 551 | 74.5 | 4.3 | 483 | 1 | US-08-468-698-32 | Sequence 32, Appl | 624 | 73.5 | 4.2 | 908 | 1 | US-08-478-435-94 | Sequence 94, Appl |
| 552 | 74.5 | 4.3 | 483 | 1 | US-08-468-698-36 | Sequence 36, Appl | 625 | 73.5 | 4.2 | 908 | 1 | US-08-337-483-94 | Sequence 94, Appl |
| 553 | 74.5 | 4.3 | 483 | 1 | US-08-704-706A-34 | Sequence 34, Appl | 626 | 73.5 | 4.2 | 908 | 1 | US-08-478-373-94 | Sequence 94, Appl |
| 554 | 74.5 | 4.3 | 483 | 2 | US-08-890-383-3 | Sequence 3, Appl | 627 | 73.5 | 4.2 | 908 | 1 | US-08-474-671-94 | Sequence 94, Appl |
| 555 | 74.5 | 4.3 | 483 | 2 | US-08-914-679A-3 | Sequence 3, Appl | 628 | 73.5 | 4.2 | 908 | 2 | US-08-483-577A-94 | Sequence 94, Appl |
| 556 | 74.5 | 4.3 | 483 | 2 | US-08-985-659-35 | Sequence 35, Appl | 629 | 73.5 | 4.2 | 908 | 2 | US-08-448-194-4 | Sequence 4, Appl |
| 557 | 74.5 | 4.3 | 483 | 2 | US-08-194-664A-32 | Sequence 32, Appl | 630 | 73.5 | 4.2 | 908 | 2 | US-08-613-009A-16 | Sequence 16, Appl |
| 558 | 74.5 | 4.3 | 483 | 2 | US-08-194-664A-36 | Sequence 36, Appl | 631 | 73.5 | 4.2 | 908 | 2 | US-08-897-438-94 | Sequence 94, Appl |
| 559 | 74.5 | 4.3 | 483 | 2 | US-10-199-922A-3 | Sequence 3, Appl | 632 | 73.5 | 4.2 | 908 | 2 | US-08-867-921-4 | Sequence 4, Appl |
| 560 | 74.5 | 4.3 | 483 | 4 | PCT-US94-01553A-32 | Sequence 32, Appl | 633 | 73.5 | 4.2 | 908 | 2 | US-08-637-654-94 | Sequence 94, Appl |
| 561 | 74.5 | 4.3 | 483 | 4 | PCT-US94-01553A-36 | Sequence 36, Appl | 634 | 73.5 | 4.2 | 908 | 2 | US-08-649-518-94 | Sequence 94, Appl |
| 562 | 74.5 | 4.3 | 483 | 4 | PCT-US95-10426-32 | Sequence 32, Appl | 635 | 73.5 | 4.2 | 908 | 2 | US-08-778-570B-22 | Sequence 22, Appl |
| 563 | 74.5 | 4.3 | 483 | 4 | PCT-US95-10426-36 | Sequence 36, Appl | 636 | 73.5 | 4.2 | 908 | 2 | US-09-059-584-22 | Sequence 22, Appl |
| 564 | 74.5 | 4.3 | 485 | 2 | US-09-291-023A-18 | Sequence 18, Appl | 637 | 73.5 | 4.2 | 908 | 2 | US-08-753-750B-12 | Sequence 12, Appl |
| 565 | 74.5 | 4.3 | 485 | 2 | US-09-381-687-1 | Sequence 1, Appl | 638 | 73.5 | 4.2 | 951 | 1 | US-08-162-809-2 | Sequence 2, Appl |
| 566 | 74.5 | 4.3 | 485 | 2 | US-09-540-715A-18 | Sequence 18, Appl | 639 | 73.5 | 4.2 | 1391 | 2 | US-10-080-505-11 | Sequence 11, Appl |
| 567 | 74.5 | 4.3 | 487 | 1 | US-08-468-220-37 | Sequence 37, Appl | 640 | 73.5 | 4.2 | 1391 | 2 | US-10-080-505-15 | Sequence 15, Appl |
| 568 | 74.5 | 4.3 | 487 | 1 | US-08-468-698-37 | Sequence 37, Appl | 641 | 73.5 | 4.2 | 2955 | 1 | US-08-443-260-3 | Sequence 3, Appl |
| 569 | 74.5 | 4.3 | 487 | 1 | US-08-194-664A-37 | Sequence 37, Appl | 642 | 73.5 | 4.2 | 2955 | 2 | US-08-442-805A-3 | Sequence 3, Appl |
| 570 | 74.5 | 4.3 | 487 | 4 | PCT-US94-01553A-37 | Sequence 37, Appl | 643 | 73.5 | 4.2 | 2955 | 2 | US-08-443-900A-3 | Sequence 3, Appl |
| 571 | 74.5 | 4.3 | 487 | 4 | PCT-US95-10426-37 | Sequence 37, Appl | 644 | 73.5 | 4.2 | 2955 | 2 | US-08-444-818-124 | Sequence 124, App |
| 572 | 74.5 | 4.3 | 512 | 1 | US-07-623-953-3 | Sequence 3, Appl | 645 | 73.5 | 4.2 | 2955 | 2 | US-08-249-843-3 | Sequence 3, Appl |
| 573 | 74.5 | 4.3 | 512 | 1 | US-07-623-953-5 | Sequence 5, Appl | 646 | 73.5 | 4.2 | 3011 | 1 | US-08-833-678A-6 | Sequence 6, Appl |
| 574 | 74.5 | 4.3 | 512 | 1 | US-08-985-659-34 | Sequence 34, Appl | 647 | 73.5 | 4.2 | 3011 | 2 | US-08-444-818-177 | Sequence 177, App |
| 575 | 74.5 | 4.3 | 512 | 2 | US-10-199-922A-2 | Sequence 2, Appl | 648 | 73.5 | 4.2 | 3011 | 2 | US-08-529-169A-6 | Sequence 6, Appl |
| 576 | 74.5 | 4.3 | 516 | 2 | US-09-986-676A-2 | Sequence 2, Appl | 649 | 73.5 | 4.2 | 3011 | 2 | US-09-483-799-6 | Sequence 6, Appl |
| 577 | 74.5 | 4.3 | 516 | 2 | US-09-971-611-2 | Sequence 2, Appl | 650 | 73.5 | 4.2 | 3011 | 4 | PCT-US91-02225-10 | Sequence 10, Appl |
| 578 | 74.5 | 4.3 | 600 | 2 | US-08-537-361B-9 | Sequence 9, Appl | 651 | 73 | 4.2 | 13 | 2 | US-09-227-357-324 | Sequence 324, App |
| 579 | 74.5 | 4.3 | 602 | 2 | US-08-990-470A-3 | Sequence 3, Appl | 652 | 73 | 4.2 | 13 | 2 | US-09-973-278-319 | Sequence 319, App |
| 580 | 74.5 | 4.3 | 602 | 2 | US-08-817-707-9 | Sequence 9, Appl | 653 | 73 | 4.2 | 153 | 2 | US-09-621-976-4040 | Sequence 4040, Ap |
| 581 | 74.5 | 4.3 | 699 | 2 | US-09-489-039A-8133 | Sequence 8133, Ap | 654 | 73 | 4.2 | 165 | 1 | US-08-401-530A-7 | Sequence 7, Appl |
| 582 | 74.5 | 4.3 | 984 | 1 | US-08-673-783-6 | Sequence 6, Appl | 655 | 73 | 4.2 | 165 | 1 | US-08-729-103-3 | Sequence 3, Appl |
| 583 | 74 | 4.2 | 297 | 2 | US-09-107-532A-4196 | Sequence 4196, Ap | 656 | 73 | 4.2 | 236 | 1 | US-08-709-662-7 | Sequence 7, Appl |
| 584 | 74 | 4.2 | 341 | 2 | US-09-412-600B-4 | Sequence 4, Appl | 657 | 73 | 4.2 | 236 | 2 | US-08-886-269-3 | Sequence 3, Appl |
| 585 | 74 | 4.2 | 346 | 2 | US-08-960-507-19 | Sequence 19, Appl | 658 | 73 | 4.2 | 236 | 2 | US-09-167-647-4 | Sequence 4, Appl |
| 586 | 74 | 4.2 | 346 | 2 | US-09-136-801-19 | Sequence 19, Appl | 659 | 73 | 4.2 | 348 | 2 | US-09-325-932A-160 | Sequence 160, App |
| 587 | 74 | 4.2 | 346 | 2 | US-09-202-088A-19 | Sequence 19, Appl | 660 | 73 | 4.2 | 402 | 2 | US-09-270-767-41752 | Sequence 41752, A |
| 588 | 74 | 4.2 | 384 | 2 | US-09-543-681A-6344 | Sequence 6344, Ap | 661 | 73 | 4.2 | 437 | 2 | US-08-961-083-70 | Sequence 70, Appl |
| 589 | 74 | 4.2 | 386 | 2 | US-09-605-703B-2514 | Sequence 2514, Ap | 662 | 73 | 4.2 | 437 | 2 | US-09-536-784-70 | Sequence 70, Appl |
| 590 | 74 | 4.2 | 447 | 1 | US-08-188-281B-20 | Sequence 20, Appl | 663 | 73 | 4.2 | 437 | 2 | US-09-765-271-70 | Sequence 70, Appl |
| 591 | 74 | 4.2 | 447 | 4 | PCT-US94-07280-20 | Sequence 20, Appl | 664 | 73 | 4.2 | 437 | 2 | US-09-765-272A-70 | Sequence 70, Appl |
| 592 | 74 | 4.2 | 447 | 4 | PCT-US95-01087-20 | Sequence 20, Appl | 665 | 73 | 4.2 | 439 | 2 | US-09-270-767-42798 | Sequence 42798, A |
| 593 | 74 | 4.2 | 471 | 2 | US-10-003-392-10 | Sequence 10, Appl | 666 | 73 | 4.2 | 454 | 2 | US-08-434-099A-27 | Sequence 27, Appl |
| 594 | 74 | 4.2 | 485 | 2 | US-09-291-023A-4 | Sequence 4, Appl | 667 | 73 | 4.2 | 454 | 2 | US-08-434-099A-28 | Sequence 28, Appl |
| 595 | 74 | 4.2 | 485 | 2 | US-09-291-023A-14 | Sequence 14, Appl | 668 | 73 | 4.2 | 484 | 2 | US-09-712-363-156 | Sequence 156, App |
| 596 | 74 | 4.2 | 485 | 2 | US-09-540-715A-4 | Sequence 4, Appl | 669 | 73 | 4.2 | 527 | 2 | US-09-242-913B-17 | Sequence 17, Appl |
| 597 | 74 | 4.2 | 485 | 2 | US-09-540-715A-14 | Sequence 14, Appl | 670 | 73 | 4.2 | 549 | 2 | US-09-270-767-45421 | Sequence 45421, A |
| 598 | 74 | 4.2 | 536 | 2 | US-09-600-099-5 | Sequence 5, Appl | 671 | 73 | 4.2 | 566 | 1 | US-08-415-823-4 | Sequence 4, Appl |
| 599 | 74 | 4.2 | 544 | 2 | US-09-087-134-14 | Sequence 14, Appl | 672 | 73 | 4.2 | 566 | 1 | US-09-086-662-4 | Sequence 4, Appl |
| 600 | 74 | 4.2 | 596 | 2 | US-08-481-190-8 | Sequence 8, Appl | 673 | 73 | 4.2 | 591 | 2 | US-09-949-016-11666 | Sequence 11666, A |
| 601 | 74 | 4.2 | 596 | 4 | PCT-US93-00869-8 | Sequence 8, Appl | 674 | 73 | 4.2 | 627 | 2 | US-09-769-087-191 | Sequence 191, App |
| 602 | 74 | 4.2 | 600 | 2 | US-10-003-392-20 | Sequence 20, Appl | 675 | 73 | 4.2 | 805 | 2 | US-08-989-299-2 | Sequence 2, Appl |
| 603 | 74 | 4.2 | 616 | 2 | US-09-393-529-2 | Sequence 2, Appl | 676 | 73 | 4.2 | 805 | 2 | US-10-158-847-142 | Sequence 142, App |
| 604 | 74 | 4.2 | 616 | 2 | US-09-396-149-7 | Sequence 7, Appl | 677 | 73 | 4.2 | 805 | 2 | US-09-407-427-2 | Sequence 2, Appl |
| 605 | 74 | 4.2 | 669 | 2 | US-09-595-857B-32 | Sequence 32, Appl | 678 | 73 | 4.2 | 805 | 2 | US-09-635-501-2 | Sequence 2, Appl |
| 606 | 74 | 4.2 | 881 | 2 | US-09-489-039A-12003 | Sequence 12003, A | 679 | 73 | 4.2 | 805 | 2 | US-09-635-501-106 | Sequence 106, App |
| 607 | 74 | 4.2 | 1259 | 2 | US-09-949-016-10366 | Sequence 10366, A | 680 | 73 | 4.2 | 819 | 2 | US-10-158-825-142 | Sequence 142, App |
| 608 | 74 | 4.2 | 1279 | 2 | US-09-170-496D-293 | Sequence 293, App | 681 | 73 | 4.2 | 805 | 2 | US-09-949-016-11284 | Sequence 11284, A |
| 609 | 74 | 4.2 | 1279 | 2 | US-09-364-425B-58 | Sequence 58, Appl | 682 | 73 | 4.2 | 827 | 2 | US-09-489-039A-11711 | Sequence 11711, A |
| 610 | 74 | 4.2 | 1466 | 2 | US-09-262-537-20 | Sequence 20, Appl | 683 | 73 | 4.2 | 869 | 2 | US-09-489-039A-8561 | Sequence 8561, Ap |
| 611 | 74 | 4.2 | 1471 | 2 | US-08-811-518-1 | Sequence 1, Appl | 684 | 73 | 4.2 | 289 | 2 | US-09-328-352-5501 | Sequence 5501, Ap |
| 612 | 74 | 4.2 | 2331 | 1 | US-08-153-799-16 | Sequence 16, Appl | 685 | 72.5 | 4.1 | 310 | 1 | US-07-704-288C-6 | Sequence 6, Appl |
| 613 | 73.5 | 4.2 | 189 | 1 | US-08-044-621D-33 | Sequence 33, Appl | 686 | 72.5 | 4.1 | 310 | 1 | US-08-379-259-6 | Sequence 6, Appl |
| 614 | 73.5 | 4.2 | 350 | 2 | US-10-104-965-4 | Sequence 4, Appl | 687 | 72.5 | 4.1 | 450 | 1 | US-09-248-796A-20424 | Sequence 20424, A |
| 615 | 73.5 | 4.2 | 350 | 2 | US-09-929-956-4 | Sequence 4, Appl | 688 | 72.5 | 4.1 | 485 | 1 | US-08-446-803-2 | Sequence 2, Appl |
| 616 | 73.5 | 4.2 | 503 | 2 | US-09-543-681A-4211 | Sequence 4211, Ap | 689 | 72.5 | 4.1 | 485 | 1 | US-08-861-837-2 | Sequence 2, Appl |
| 617 | 73.5 | 4.2 | 525 | 2 | US-09-976-594-64 | Sequence 64, Appl | 690 | 72.5 | 4.1 | 485 | 2 | US-08-600-656-2 | Sequence 2, Appl |
| 618 | 73.5 | 4.2 | 525 | 2 | US-09-919-039-62 | Sequence 62, Appl | 691 | 72.5 | 4.1 | 485 | 2 | US-09-170-670-2 | Sequence 2, Appl |
| 619 | 73.5 | 4.2 | 568 | 2 | US-09-911-909B-16 | Sequence 16, Appl | 692 | 72.5 | 4.1 | 485 | 2 | US-09-170-670-8 | Sequence 8, Appl |
| 620 | 73.5 | 4.2 | 574 | 2 | US-09-134-001C-3141 | Sequence 3141, Ap | 693 | 72.5 | 4.1 | 485 | 2 | US-09-193-068-2 | Sequence 2, Appl |

| | | | | | | | | | | | | | |
|-----|------|-----|------|---|----------------------|-------------------|-----|------|-----|------|---|----------------------|-------------------|
| 694 | 72.5 | 4.1 | 485 | 2 | US-09-193-068-8 | Sequence 8, Appli | 767 | 71.5 | 4.1 | 631 | 2 | US-08-897-438-111 | Sequence 111, App |
| 695 | 72.5 | 4.1 | 485 | 2 | US-09-183-412-2 | Sequence 2, Appli | 768 | 71.5 | 4.1 | 631 | 2 | US-08-637-654-111 | Sequence 111, App |
| 696 | 72.5 | 4.1 | 485 | 2 | US-09-183-412-8 | Sequence 8, Appli | 769 | 71.5 | 4.1 | 631 | 2 | US-08-649-518-111 | Sequence 111, App |
| 697 | 72.5 | 4.1 | 485 | 2 | US-09-264-097-5 | Sequence 5, Appli | 770 | 71.5 | 4.1 | 644 | 2 | US-09-919-039-121 | Sequence 121, App |
| 698 | 72.5 | 4.1 | 485 | 2 | US-09-354-191A-2 | Sequence 2, Appli | 771 | 71.5 | 4.1 | 652 | 1 | US-08-313-185-53 | Sequence 53, Appl |
| 699 | 72.5 | 4.1 | 485 | 2 | US-09-290-734-2 | Sequence 8, Appli | 772 | 71.5 | 4.1 | 652 | 1 | US-08-459-499-17 | Sequence 17, Appl |
| 700 | 72.5 | 4.1 | 485 | 2 | US-09-290-734-8 | Sequence 8, Appli | 773 | 71.5 | 4.1 | 652 | 1 | US-09-082-614A-53 | Sequence 53, Appl |
| 701 | 72.5 | 4.1 | 485 | 2 | US-09-381-687-3 | Sequence 3, Appli | 774 | 71.5 | 4.1 | 772 | 1 | US-08-410-784A-5 | Sequence 5, Appli |
| 702 | 72.5 | 4.1 | 485 | 2 | US-09-545-586-2 | Sequence 2, Appli | 775 | 71.5 | 4.1 | 789 | 2 | US-09-731-166-16 | Sequence 16, Appl |
| 703 | 72.5 | 4.1 | 485 | 2 | US-09-545-586-8 | Sequence 8, Appli | 776 | 71.5 | 4.1 | 890 | 2 | US-09-949-002-394 | Sequence 394, App |
| 704 | 72.5 | 4.1 | 485 | 2 | US-09-769-864-2 | Sequence 2, Appli | 777 | 71.5 | 4.1 | 1229 | 2 | US-09-310-233-2 | Sequence 2, Appli |
| 705 | 72.5 | 4.1 | 485 | 2 | US-09-769-864-8 | Sequence 8, Appli | 778 | 71.5 | 4.1 | 1229 | 2 | US-09-579-376-2 | Sequence 2, Appli |
| 706 | 72.5 | 4.1 | 485 | 2 | US-10-025-648-2 | Sequence 2, Appli | 779 | 71.5 | 4.1 | 1315 | 2 | US-09-200-650B-5 | Sequence 5, Appli |
| 707 | 72.5 | 4.1 | 485 | 2 | US-09-441-313-2 | Sequence 2, Appli | 780 | 71.5 | 4.1 | 1751 | 2 | US-09-136-574A-44 | Sequence 44, Appl |
| 708 | 72.5 | 4.1 | 485 | 2 | US-09-441-313-8 | Sequence 8, Appli | 781 | 71.5 | 4.1 | 2523 | 1 | US-08-185-432-18 | Sequence 18, Appl |
| 709 | 72.5 | 4.1 | 549 | 2 | US-09-344-510B-2 | Sequence 11, Appl | 782 | 71.5 | 4.1 | 2523 | 1 | US-08-899-232-3 | Sequence 3, Appli |
| 710 | 72.5 | 4.1 | 818 | 1 | US-08-410-784A-2 | Sequence 1, Appli | 783 | 71.5 | 4.1 | 2523 | 2 | US-09-121-457-3 | Sequence 89, Appl |
| 711 | 72.5 | 4.1 | 818 | 1 | US-09-346-237-11 | Sequence 1, Appli | 784 | 71.5 | 4.1 | 2772 | 2 | US-08-444-818-89 | Sequence 138, App |
| 712 | 72.5 | 4.1 | 1012 | 2 | US-09-344-510B-1 | Sequence 2, Appli | 785 | 71.5 | 4.1 | 2995 | 2 | US-08-440-103-36 | Sequence 36, Appl |
| 713 | 72.5 | 4.1 | 3460 | 2 | US-09-334-220-1 | Sequence 4, Appli | 786 | 71.5 | 4.1 | 3011 | 1 | US-08-440-542-36 | Sequence 36, Appl |
| 714 | 72.5 | 4.1 | 3594 | 2 | US-09-911-842A-4 | Sequence 1, Appli | 787 | 71.5 | 4.1 | 3011 | 1 | US-07-910-760-10 | Sequence 10, Appl |
| 715 | 72 | 4.1 | 127 | 2 | US-08-635-109-2 | Sequence 2, Appli | 788 | 71.5 | 4.1 | 3011 | 1 | US-08-440-519-10 | Sequence 10, Appl |
| 716 | 72 | 4.1 | 127 | 2 | US-08-844-215-2 | Sequence 1, Appli | 789 | 71.5 | 4.1 | 3011 | 1 | US-08-231-368-36 | Sequence 36, Appl |
| 717 | 72 | 4.1 | 329 | 2 | US-10-300-819B-17 | Sequence 17, Appl | 790 | 71.5 | 4.1 | 3011 | 1 | US-08-440-210-36 | Sequence 10, Appl |
| 718 | 72 | 4.1 | 402 | 1 | US-08-314-309A-6 | Sequence 1, Appli | 791 | 71.5 | 4.1 | 3011 | 2 | US-09-388-874-2 | Sequence 36, Appl |
| 719 | 72 | 4.1 | 411 | 1 | US-08-232-532-1 | Sequence 1, Appli | 792 | 71.5 | 4.1 | 3011 | 2 | US-09-046-604-36 | Sequence 36, Appl |
| 720 | 72 | 4.1 | 411 | 1 | US-08-748-150-1 | Sequence 1, Appli | 793 | 71.5 | 4.1 | 3011 | 2 | US-08-440-549-10 | Sequence 10, Appl |
| 721 | 72 | 4.1 | 411 | 2 | US-09-347-877-1 | Sequence 1, Appli | 794 | 71.5 | 4.1 | 3011 | 2 | US-08-850-328-1 | Sequence 1, Appli |
| 722 | 72 | 4.1 | 411 | 2 | US-09-912-740A-1 | Sequence 1, Appli | 795 | 71.5 | 4.1 | 3011 | 2 | US-09-916-359-2 | Sequence 2, Appli |
| 723 | 72 | 4.1 | 411 | 2 | US-09-912-741B-1 | Sequence 1, Appli | 796 | 71.5 | 4.1 | 122 | 2 | US-09-270-767-58112 | Sequence 58112, A |
| 724 | 72 | 4.1 | 411 | 4 | PCT-US95-05168-1 | Sequence 6, Appli | 797 | 71 | 4.1 | 141 | 2 | US-08-589-339-5 | Sequence 5, Appli |
| 725 | 72 | 4.1 | 437 | 1 | US-08-343-380-6 | Sequence 6, Appli | 798 | 71 | 4.1 | 191 | 2 | US-09-878-281A-123 | Sequence 123, App |
| 726 | 72 | 4.1 | 437 | 1 | US-09-072-435-6 | Sequence 6, Appli | 799 | 71 | 4.1 | 193 | 2 | US-08-635-886C-212 | Sequence 212, App |
| 727 | 72 | 4.1 | 437 | 2 | US-09-072-917A-6 | Sequence 4, Appli | 800 | 71 | 4.1 | 193 | 2 | US-08-974-690C-212 | Sequence 212, App |
| 728 | 72 | 4.1 | 437 | 2 | US-08-314-309A-4 | Sequence 21, Appl | 801 | 71 | 4.1 | 193 | 2 | US-09-878-281A-190 | Sequence 190, App |
| 729 | 72 | 4.1 | 441 | 1 | US-08-438-185A-21 | Sequence 16, Appl | 802 | 71 | 4.1 | 193 | 2 | US-09-784-810C-11 | Sequence 11, Appl |
| 730 | 72 | 4.1 | 450 | 1 | PCT-US94-07280-16 | Sequence 16, Appl | 803 | 71 | 4.1 | 326 | 2 | US-08-188-281B-7 | Sequence 7, Appli |
| 731 | 72 | 4.1 | 453 | 1 | PCT-US95-01087-16 | Sequence 16, Appl | 804 | 71 | 4.1 | 337 | 4 | PCT-US94-07280-7 | Sequence 7, Appli |
| 732 | 72 | 4.1 | 453 | 4 | US-09-465-513-4 | Sequence 4, Appli | 805 | 71 | 4.1 | 337 | 4 | PCT-US95-01087-9 | Sequence 9, Appli |
| 733 | 72 | 4.1 | 501 | 2 | US-09-571-611-4 | Sequence 4, Appli | 806 | 71 | 4.1 | 337 | 4 | US-08-188-281B-9 | Sequence 9, Appli |
| 734 | 72 | 4.1 | 501 | 2 | US-09-571-611-4 | Sequence 4, Appli | 807 | 71 | 4.1 | 367 | 1 | US-08-453-552-6 | Sequence 6, Appli |
| 735 | 72 | 4.1 | 501 | 2 | US-09-136-272-4 | Sequence 6, Appli | 808 | 71 | 4.1 | 367 | 1 | US-08-710-637-6 | Sequence 6, Appli |
| 736 | 72 | 4.1 | 501 | 2 | US-09-136-272-4 | Sequence 6, Appli | 809 | 71 | 4.1 | 367 | 1 | PCT-US93-00907-6 | Sequence 6, Appli |
| 737 | 72 | 4.1 | 799 | 2 | US-09-952-677-6 | Sequence 11, Appl | 810 | 71 | 4.1 | 367 | 4 | PCT-US94-07280-9 | Sequence 9, Appli |
| 738 | 72 | 4.1 | 799 | 2 | US-08-872-855-11 | Sequence 13, Appl | 811 | 71 | 4.1 | 367 | 4 | US-08-460-806-17 | Sequence 17, Appl |
| 739 | 72 | 4.1 | 830 | 2 | US-09-991-258-13 | Sequence 13, Appl | 812 | 71 | 4.1 | 402 | 1 | US-08-325-630-17 | Sequence 17, Appl |
| 740 | 72 | 4.1 | 881 | 2 | US-09-248-796A-16379 | Sequence 7, Appli | 813 | 71 | 4.1 | 402 | 1 | US-08-188-281B-18 | Sequence 18, Appl |
| 741 | 72 | 4.1 | 1010 | 2 | US-08-840-062-7 | Sequence 1035, Ap | 814 | 71 | 4.1 | 410 | 1 | PCT-US95-01087-18 | Sequence 18, Appl |
| 742 | 72 | 4.1 | 1216 | 2 | US-09-640-211A-1035 | Sequence 4604, Ap | 815 | 71 | 4.1 | 410 | 4 | US-09-248-796A-19163 | Sequence 19163, A |
| 743 | 72 | 4.1 | 1487 | 2 | US-09-328-352-4604 | Sequence 28812, A | 816 | 71 | 4.1 | 410 | 4 | US-09-198-452A-35 | Sequence 35, Appl |
| 744 | 71.5 | 4.1 | 158 | 2 | US-09-134-000C-5130 | Sequence 4830, Ap | 817 | 71 | 4.1 | 450 | 2 | US-09-784-810C-6 | Sequence 6, Appli |
| 745 | 71.5 | 4.1 | 179 | 2 | US-07-952-853-24 | Sequence 24, Appl | 818 | 71 | 4.1 | 450 | 2 | US-09-291-023A-2 | Sequence 2, Appli |
| 746 | 71.5 | 4.1 | 258 | 2 | US-09-540-236-3465 | Sequence 3465, Ap | 819 | 71 | 4.1 | 485 | 2 | US-09-340-715A-2 | Sequence 15, Appl |
| 747 | 71.5 | 4.1 | 263 | 2 | US-09-248-796A-20215 | Sequence 5137, Ap | 820 | 71 | 4.1 | 485 | 2 | US-08-453-552-4 | Sequence 4, Appli |
| 748 | 71.5 | 4.1 | 346 | 1 | US-09-583-110-5167 | Sequence 5137, Ap | 821 | 71 | 4.1 | 537 | 1 | US-09-710-637-4 | Sequence 4, Appli |
| 749 | 71.5 | 4.1 | 356 | 2 | US-09-118-324-5 | Sequence 12, Appl | 822 | 71 | 4.1 | 537 | 1 | PCT-US93-00907-4 | Sequence 4, Appli |
| 750 | 71.5 | 4.1 | 370 | 2 | US-08-676-166A-2 | Sequence 2, Appli | 823 | 71 | 4.1 | 559 | 2 | US-09-508-213-3 | Sequence 3, Appli |
| 751 | 71.5 | 4.1 | 404 | 2 | US-09-931-009B-1 | Sequence 11, App | 824 | 71 | 4.1 | 604 | 2 | US-09-583-110-4263 | Sequence 4263, Ap |
| 752 | 71.5 | 4.1 | 458 | 2 | US-08-487-890A-111 | Sequence 111, App | 825 | 71 | 4.1 | 641 | 2 | US-09-107-433-2948 | Sequence 2948, Ap |
| 753 | 71.5 | 4.1 | 463 | 2 | US-08-337-483-111 | Sequence 111, App | 826 | 71 | 4.1 | 641 | 2 | US-09-252-991A-25730 | Sequence 25730, A |
| 754 | 71.5 | 4.1 | 471 | 2 | US-08-478-373-111 | Sequence 111, App | 827 | 71 | 4.1 | 706 | 2 | US-09-408-020-62 | Sequence 62, Appl |
| 755 | 71.5 | 4.1 | 471 | 2 | US-08-478-373-111 | Sequence 111, App | 828 | 71 | 4.1 | 845 | 2 | US-08-638-911A-25 | Sequence 25, Appl |
| 756 | 71.5 | 4.1 | 471 | 2 | US-08-478-373-111 | Sequence 111, App | 829 | 71 | 4.1 | 853 | 1 | US-08-638-911A-27 | Sequence 27, Appl |
| 757 | 71.5 | 4.1 | 516 | 1 | US-08-478-373-111 | Sequence 111, App | 830 | 71 | 4.1 | 853 | 1 | US-08-638-911A-29 | Sequence 29, Appl |
| 758 | 71.5 | 4.1 | 516 | 1 | US-08-478-373-111 | Sequence 111, App | 831 | 71 | 4.1 | 853 | 1 | US-08-638-911A-31 | Sequence 31, Appl |
| 759 | 71.5 | 4.1 | 620 | 2 | US-08-478-373-111 | Sequence 111, App | 832 | 71 | 4.1 | 853 | 1 | US-09-809-665A-32 | Sequence 32, Appl |
| 760 | 71.5 | 4.1 | 627 | 2 | US-08-483-577A-111 | Sequence 111, App | 833 | 71 | 4.1 | 1752 | 2 | US-09-865-621A-2 | Sequence 2, Appli |
| 761 | 71.5 | 4.1 | 631 | 1 | | | 834 | 71 | 4.1 | | | | |
| 762 | 71.5 | 4.1 | 631 | 1 | | | 835 | 71 | 4.1 | | | | |
| 763 | 71.5 | 4.1 | 631 | 1 | | | 836 | 71 | 4.1 | | | | |
| 764 | 71.5 | 4.1 | 631 | 1 | | | 837 | 71 | 4.1 | | | | |
| 765 | 71.5 | 4.1 | 631 | 1 | | | 838 | 71 | 4.1 | | | | |
| 766 | 71.5 | 4.1 | 631 | 2 | | | 839 | 71 | 4.1 | | | | |

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|-----|------|-----|------|---|----------------------|-------------------|-----|------|-----|------|---|----------------------|--------------------|
| 840 | 70.5 | 4.0 | 294 | 2 | US-08-996-139-11 | Sequence 11, Appl | 913 | 70 | 4.0 | 221 | 2 | US-09-373-157-3 | Sequence 3, Appl1 |
| 841 | 70.5 | 4.0 | 294 | 2 | US-08-995-659-11 | Sequence 11, Appl | 914 | 70 | 4.0 | 278 | 2 | US-09-976-118-2 | Sequence 2, Appl1 |
| 842 | 70.5 | 4.0 | 294 | 2 | US-09-215-649A-11 | Sequence 11, Appl | 915 | 70 | 4.0 | 278 | 2 | US-09-260-283-2 | Sequence 2, Appl1 |
| 843 | 70.5 | 4.0 | 294 | 2 | US-09-577-780-11 | Sequence 11, Appl | 916 | 70 | 4.0 | 375 | 1 | US-08-304-076A-2 | Sequence 2, Appl1 |
| 844 | 70.5 | 4.0 | 294 | 2 | US-09-577-800-11 | Sequence 11, Appl | 917 | 70 | 4.0 | 383 | 2 | US-09-248-796A-17492 | Sequence 17492, A |
| 845 | 70.5 | 4.0 | 294 | 2 | US-09-466-496-11 | Sequence 11, Appl | 918 | 70 | 4.0 | 385 | 2 | US-09-543-681A-7952 | Sequence 7952, Ap |
| 846 | 70.5 | 4.0 | 294 | 2 | US-09-871-856-11 | Sequence 11, Appl | 919 | 70 | 4.0 | 389 | 1 | US-08-846-762-82 | Sequence 82, Appl1 |
| 847 | 70.5 | 4.0 | 294 | 2 | US-09-871-291-11 | Sequence 11, Appl | 920 | 70 | 4.0 | 402 | 1 | US-08-460-806-7 | Sequence 7, Appl1 |
| 848 | 70.5 | 4.0 | 294 | 2 | US-09-877-650-11 | Sequence 11, Appl | 921 | 70 | 4.0 | 402 | 1 | US-08-325-630-7 | Sequence 7, Appl1 |
| 849 | 70.5 | 4.0 | 294 | 2 | US-09-865-363-11 | Sequence 11, Appl | 922 | 70 | 4.0 | 407 | 2 | US-09-248-796A-18700 | Sequence 18700, A |
| 850 | 70.5 | 4.0 | 294 | 1 | US-09-688-459-11 | Sequence 11, Appl | 923 | 70 | 4.0 | 407 | 2 | US-09-583-110-4220 | Sequence 4220, Ap |
| 851 | 70.5 | 4.0 | 316 | 1 | US-08-842-842-7 | Sequence 7, Appl1 | 924 | 70 | 4.0 | 421 | 1 | US-08-807-263-4 | Sequence 4, Appl1 |
| 852 | 70.5 | 4.0 | 316 | 2 | US-08-989-362-2 | Sequence 2, Appl1 | 925 | 70 | 4.0 | 431 | 2 | US-09-107-433-3641 | Sequence 3641, Ap |
| 853 | 70.5 | 4.0 | 316 | 2 | US-09-052-521C-2 | Sequence 2, Appl1 | 926 | 70 | 4.0 | 442 | 2 | US-09-248-796A-18588 | Sequence 18588, A |
| 854 | 70.5 | 4.0 | 316 | 2 | US-09-671-658A-2 | Sequence 2, Appl1 | 927 | 70 | 4.0 | 462 | 2 | US-09-919-039-324 | Sequence 324, App |
| 855 | 70.5 | 4.0 | 316 | 2 | US-09-396-937-4 | Sequence 4, Appl1 | 928 | 70 | 4.0 | 526 | 2 | US-09-538-092-1080 | Sequence 1080, Ap |
| 856 | 70.5 | 4.0 | 316 | 2 | US-09-396-937-6 | Sequence 6, Appl1 | 929 | 70 | 4.0 | 531 | 2 | US-09-578-827A-2 | Sequence 2, Appl1 |
| 857 | 70.5 | 4.0 | 316 | 2 | US-09-957-944-8 | Sequence 8, Appl1 | 930 | 70 | 4.0 | 532 | 1 | US-08-899-324-33 | Sequence 33, Appl1 |
| 858 | 70.5 | 4.0 | 344 | 2 | US-09-502-540-13506 | Sequence 13506, A | 931 | 70 | 4.0 | 532 | 2 | US-08-329-892B-33 | Sequence 33, Appl1 |
| 859 | 70.5 | 4.0 | 400 | 2 | US-09-264-097-6 | Sequence 6, Appl1 | 932 | 70 | 4.0 | 738 | 1 | US-07-985-458-3 | Sequence 3, Appl1 |
| 860 | 70.5 | 4.0 | 434 | 1 | US-08-188-281B-10 | Sequence 10, Appl | 933 | 70 | 4.0 | 772 | 2 | US-09-949-016-7314 | Sequence 7314, Ap |
| 861 | 70.5 | 4.0 | 434 | 4 | PCT-US94-07280-10 | Sequence 10, Appl | 934 | 70 | 4.0 | 772 | 2 | US-09-949-016-7315 | Sequence 7315, Ap |
| 862 | 70.5 | 4.0 | 434 | 4 | PCT-US95-01087-10 | Sequence 10, Appl | 935 | 70 | 4.0 | 772 | 2 | US-09-949-016-7316 | Sequence 7316, Ap |
| 863 | 70.5 | 4.0 | 481 | 2 | US-09-537-168-2 | Sequence 2, Appl1 | 936 | 70 | 4.0 | 772 | 2 | US-09-949-016-7317 | Sequence 7317, Ap |
| 864 | 70.5 | 4.0 | 483 | 1 | US-08-645-971-2 | Sequence 2, Appl1 | 937 | 70 | 4.0 | 867 | 2 | US-09-634-252A-6 | Sequence 6, Appl1 |
| 865 | 70.5 | 4.0 | 483 | 2 | US-09-381-687-8 | Sequence 8, Appl1 | 938 | 70 | 4.0 | 1545 | 2 | US-08-296-791-4 | Sequence 4, Appl1 |
| 866 | 70.5 | 4.0 | 485 | 2 | US-09-290-734-24 | Sequence 24, Appl | 939 | 70 | 4.0 | 1545 | 2 | US-09-839-996-4 | Sequence 4, Appl1 |
| 867 | 70.5 | 4.0 | 485 | 2 | US-09-290-734-26 | Sequence 26, Appl | 940 | 70 | 4.0 | 1545 | 2 | US-10-080-505-4 | Sequence 4, Appl1 |
| 868 | 70.5 | 4.0 | 485 | 2 | US-09-417-359A-5 | Sequence 5, Appl1 | 941 | 70 | 4.0 | 1545 | 2 | US-10-645-655-4 | Sequence 4, Appl1 |
| 869 | 70.5 | 4.0 | 485 | 2 | US-09-545-586-24 | Sequence 24, Appl | 942 | 70 | 4.0 | 1545 | 4 | PCT-US95-10661A-4 | Sequence 4, Appl1 |
| 870 | 70.5 | 4.0 | 485 | 2 | US-09-545-586-26 | Sequence 26, Appl | 943 | 70 | 4.0 | 1569 | 2 | US-09-711-164-312 | Sequence 312, App |
| 871 | 70.5 | 4.0 | 491 | 2 | US-08-740-223A-13 | Sequence 13, Appl | 944 | 70 | 4.0 | 2013 | 1 | US-08-324-977-12 | Sequence 12, Appl |
| 872 | 70.5 | 4.0 | 491 | 2 | US-09-709-188-13 | Sequence 13, Appl | 945 | 70 | 4.0 | 2013 | 1 | US-08-384-616-12 | Sequence 12, Appl |
| 873 | 70.5 | 4.0 | 491 | 2 | US-10-225-060-13 | Sequence 13, Appl | 946 | 70 | 4.0 | 2013 | 1 | US-08-904-686A-12 | Sequence 12, Appl |
| 874 | 70.5 | 4.0 | 498 | 2 | US-09-489-039A-12187 | Sequence 12187, A | 947 | 70 | 4.0 | 2013 | 2 | US-09-315-850-12 | Sequence 12, Appl |
| 875 | 70.5 | 4.0 | 526 | 2 | US-09-548-938A-10 | Sequence 10, Appl | 948 | 70 | 4.0 | 3010 | 1 | US-08-324-977-2 | Sequence 2, Appl1 |
| 876 | 70.5 | 4.0 | 608 | 2 | US-09-489-039A-13204 | Sequence 13204, A | 949 | 70 | 4.0 | 3010 | 1 | US-08-324-977-14 | Sequence 14, Appl |
| 877 | 70.5 | 4.0 | 642 | 2 | US-09-605-042A-39 | Sequence 39, Appl | 950 | 70 | 4.0 | 3010 | 1 | US-08-384-616-2 | Sequence 2, Appl1 |
| 878 | 70.5 | 4.0 | 643 | 2 | US-09-328-352-5146 | Sequence 5146, Ap | 951 | 70 | 4.0 | 3010 | 1 | US-08-384-616-14 | Sequence 14, Appl |
| 879 | 70.5 | 4.0 | 644 | 1 | US-08-206-176-2 | Sequence 2, Appl1 | 952 | 70 | 4.0 | 3010 | 1 | US-08-904-686A-2 | Sequence 2, Appl1 |
| 880 | 70.5 | 4.0 | 657 | 2 | US-08-613-009A-19 | Sequence 19, Appl | 953 | 70 | 4.0 | 3010 | 1 | US-08-904-686A-14 | Sequence 14, Appl |
| 881 | 70.5 | 4.0 | 657 | 2 | US-08-778-570B-25 | Sequence 25, Appl | 954 | 70 | 4.0 | 3010 | 2 | US-09-315-850-2 | Sequence 2, Appl1 |
| 882 | 70.5 | 4.0 | 657 | 2 | US-09-059-584-25 | Sequence 25, Appl | 955 | 70 | 4.0 | 3010 | 2 | US-09-315-850-14 | Sequence 14, Appl |
| 883 | 70.5 | 4.0 | 833 | 1 | US-08-844-086-2 | Sequence 2, Appl1 | 956 | 69.5 | 4.0 | 126 | 2 | US-09-621-976-5166 | Sequence 5166, Ap |
| 884 | 70.5 | 4.0 | 833 | 2 | US-09-018-211-2 | Sequence 2, Appl1 | 957 | 69.5 | 4.0 | 246 | 2 | US-09-902-540-11301 | Sequence 11301, A |
| 885 | 70.5 | 4.0 | 833 | 2 | US-09-583-110-4098 | Sequence 4098, Ap | 958 | 69.5 | 4.0 | 250 | 2 | US-09-952-572-8 | Sequence 8, Appl1 |
| 886 | 70.5 | 4.0 | 860 | 2 | US-09-489-039A-8582 | Sequence 8582, Ap | 959 | 69.5 | 4.0 | 273 | 2 | US-10-104-047-2397 | Sequence 2397, Ap |
| 887 | 70.5 | 4.0 | 920 | 2 | US-09-538-092-1197 | Sequence 1197, Ap | 960 | 69.5 | 4.0 | 323 | 1 | US-08-404-445-3 | Sequence 3, Appl1 |
| 888 | 70.5 | 4.0 | 927 | 2 | US-09-328-352-7922 | Sequence 7922, Ap | 961 | 69.5 | 4.0 | 333 | 1 | US-08-453-552-12 | Sequence 12, Appl |
| 889 | 70.5 | 4.0 | 928 | 1 | US-08-474-140-11 | Sequence 11, Appl | 962 | 69.5 | 4.0 | 333 | 1 | US-08-710-637-12 | Sequence 12, Appl |
| 890 | 70.5 | 4.0 | 928 | 1 | US-08-477-630-11 | Sequence 11, Appl | 963 | 69.5 | 4.0 | 333 | 4 | PCT-US93-00907-12 | Sequence 12, Appl |
| 891 | 70.5 | 4.0 | 928 | 1 | US-08-472-293-11 | Sequence 11, Appl | 964 | 69.5 | 4.0 | 399 | 1 | US-08-453-552-10 | Sequence 10, Appl |
| 892 | 70.5 | 4.0 | 928 | 1 | US-08-474-545-11 | Sequence 11, Appl | 965 | 69.5 | 4.0 | 399 | 1 | US-08-710-637-10 | Sequence 10, Appl |
| 893 | 70.5 | 4.0 | 928 | 1 | US-08-478-341-11 | Sequence 11, Appl | 966 | 69.5 | 4.0 | 399 | 1 | PCT-US93-00907-10 | Sequence 10, Appl |
| 894 | 70.5 | 4.0 | 928 | 2 | US-08-996-733-11 | Sequence 11, Appl | 967 | 69.5 | 4.0 | 400 | 2 | US-09-710-279-2774 | Sequence 2774, Ap |
| 895 | 70.5 | 4.0 | 928 | 2 | US-09-514-599-4 | Sequence 4, Appl1 | 968 | 69.5 | 4.0 | 424 | 2 | US-09-627-376-8 | Sequence 8, Appl1 |
| 896 | 70.5 | 4.0 | 928 | 1 | US-09-996-024-4 | Sequence 4, Appl1 | 969 | 69.5 | 4.0 | 424 | 2 | US-10-047-676B-8 | Sequence 8, Appl1 |
| 897 | 70.5 | 4.0 | 995 | 1 | US-08-162-809-18 | Sequence 18, Appl | 970 | 69.5 | 4.0 | 437 | 2 | US-08-914-375C-65 | Sequence 65, Appl |
| 898 | 70.5 | 4.0 | 1011 | 1 | US-08-162-809-12 | Sequence 12, Appl | 971 | 69.5 | 4.0 | 437 | 2 | US-09-282-305-6 | Sequence 6, Appl1 |
| 899 | 70.5 | 4.0 | 1160 | 2 | US-08-808-599A-24 | Sequence 24, Appl | 972 | 69.5 | 4.0 | 437 | 2 | US-09-883-720-6 | Sequence 6, Appl1 |
| 900 | 70.5 | 4.0 | 1443 | 1 | US-08-308-872B-2 | Sequence 2, Appl1 | 973 | 69.5 | 4.0 | 497 | 2 | US-09-134-001C-5114 | Sequence 5114, Ap |
| 901 | 70.5 | 4.0 | 1709 | 2 | US-09-949-016-11345 | Sequence 11345, A | 974 | 69.5 | 4.0 | 636 | 2 | US-10-152-886-39 | Sequence 39, Appl |
| 902 | 70.5 | 4.0 | 2864 | 2 | US-08-469-260A-394 | Sequence 394, App | 975 | 69.5 | 4.0 | 753 | 2 | US-09-276-400-2 | Sequence 2, Appl1 |
| 903 | 70.5 | 4.0 | 2864 | 2 | US-08-488-446-394 | Sequence 394, App | 976 | 69.5 | 4.0 | 753 | 2 | US-09-448-076-2 | Sequence 2, Appl1 |
| 904 | 70.5 | 4.0 | 2864 | 2 | US-08-467-344A-394 | Sequence 394, App | 977 | 69.5 | 4.0 | 753 | 2 | US-09-702-572-2 | Sequence 2, Appl1 |
| 905 | 70.5 | 4.0 | 2864 | 2 | US-08-424-550B-394 | Sequence 394, App | 978 | 69.5 | 4.0 | 756 | 2 | US-09-949-016-10453 | Sequence 10453, A |
| 906 | 70.5 | 4.0 | 2894 | 1 | US-08-466-975A-23 | Sequence 23, Appl | 979 | 69.5 | 4.0 | 776 | 2 | US-09-165-396-3 | Sequence 3, Appl1 |
| 907 | 70.5 | 4.0 | 2894 | 1 | US-08-391-671A-23 | Sequence 23, Appl | 980 | 69.5 | 4.0 | 945 | 2 | US-09-949-016-8172 | Sequence 8172, Ap |
| 908 | 70.5 | 4.0 | 2894 | 2 | US-08-467-902A-23 | Sequence 23, Appl | 981 | 69.5 | 4.0 | 984 | 2 | US-09-949-016-8502 | Sequence 8502, Ap |
| 909 | 70.5 | 4.0 | 2894 | 2 | US-09-275-265-23 | Sequence 23, Appl | 982 | 69.5 | 4.0 | 1063 | 2 | US-09-595-857B-29 | Sequence 29, Appl |
| 910 | 70.5 | 4.0 | 2894 | 2 | US-09-941-611-23 | Sequence 23, Appl | 983 | 69.5 | 4.0 | 1164 | 2 | US-09-637-145-4 | Sequence 4, Appl1 |
| 911 | 70.5 | 4.0 | 2894 | 2 | US-10-044-995-23 | Sequence 23, Appl | 984 | 69.5 | 4.0 | 1224 | 2 | US-09-538-092-1200 | Sequence 1200, Ap |
| 912 | 70.5 | 4.0 | 3571 | 2 | US-09-911-842A-2 | Sequence 2, Appl1 | 985 | 69.5 | 4.0 | 1276 | 2 | US-09-297-937C-13 | Sequence 13, Appl1 |

| | | | | | | | | | | | | | |
|------|------|-----|------|---|----------------------|-------------------|------|------|-----|------|---|----------------------|--------------------|
| 986 | 69.5 | 4.0 | 1475 | 2 | US-09-007-999-2 | Sequence 2, Appli | 1067 | 68.5 | 3.9 | 382 | 2 | US-09-115-453-108 | Sequence 108, App |
| 987 | 69.5 | 4.0 | 1475 | 2 | US-09-210-361-2 | Sequence 2, Appli | 1068 | 68.5 | 3.9 | 382 | 2 | US-09-688-489-108 | Sequence 108, App |
| 988 | 69.5 | 4.0 | 1475 | 2 | US-09-740-274-2 | Sequence 2, Appli | 1069 | 68.5 | 3.9 | 382 | 2 | US-09-679-426-108 | Sequence 108, App |
| 989 | 69.5 | 4.0 | 2871 | 2 | US-09-538-092-1076 | Sequence 1076, Ap | 1070 | 68.5 | 3.9 | 382 | 2 | US-09-759-143-108 | Sequence 108, App |
| 990 | 69 | 3.9 | 139 | 2 | US-08-766-858A-46 | Sequence 3184, Ap | 1071 | 68.5 | 3.9 | 382 | 2 | US-09-651-236-108 | Sequence 108, App |
| 991 | 69 | 3.9 | 141 | 1 | US-08-766-858A-46 | Sequence 45, Appl | 1072 | 68.5 | 3.9 | 382 | 2 | US-09-030-606-108 | Sequence 108, App |
| 992 | 69 | 3.9 | 191 | 2 | US-09-463-625-4 | Sequence 4, Appli | 1073 | 68.5 | 3.9 | 382 | 2 | US-09-657-279-108 | Sequence 108, App |
| 993 | 69 | 3.9 | 196 | 2 | US-09-463-625-4 | Sequence 6, Appli | 1074 | 68.5 | 3.9 | 382 | 2 | US-10-012-896-108 | Sequence 108, App |
| 1000 | 69 | 3.9 | 228 | 2 | US-08-248-335-70 | Sequence 70, Appl | 1075 | 68.5 | 3.9 | 400 | 2 | US-09-797-464A-4 | Sequence 4, Appli |
| 1003 | 69 | 3.9 | 229 | 2 | US-09-631-616-13 | Sequence 13, Appl | 1076 | 68.5 | 3.9 | 445 | 1 | US-08-440-103-23 | Sequence 23, Appl |
| 1004 | 69 | 3.9 | 327 | 2 | US-09-134-000C-6682 | Sequence 6682, Ap | 1077 | 68.5 | 3.9 | 445 | 1 | US-08-440-542-23 | Sequence 23, Appl |
| 1005 | 69 | 3.9 | 345 | 2 | US-09-134-000C-6576 | Sequence 6576, Ap | 1078 | 68.5 | 3.9 | 445 | 1 | US-08-231-368-23 | Sequence 23, Appl |
| 1006 | 69 | 3.9 | 357 | 2 | US-09-489-039A-14100 | Sequence 4100, A | 1079 | 68.5 | 3.9 | 445 | 1 | US-08-440-210-23 | Sequence 23, Appl |
| 1007 | 69 | 3.9 | 388 | 2 | US-09-949-016-7631 | Sequence 7631, Ap | 1080 | 68.5 | 3.9 | 445 | 2 | US-09-046-604-23 | Sequence 23, Appl |
| 1008 | 69 | 3.9 | 418 | 1 | US-08-873-479-44 | Sequence 44, Appl | 1081 | 68.5 | 3.9 | 465 | 2 | US-08-248-796A-16095 | Sequence 23, Appl |
| 1009 | 69 | 3.9 | 424 | 1 | US-08-873-479-44 | Sequence 2, Appli | 1082 | 68.5 | 3.9 | 479 | 2 | US-09-902-540-14067 | Sequence 16095, A |
| 1010 | 69 | 3.9 | 443 | 2 | US-09-711-164-462 | Sequence 462, App | 1083 | 68.5 | 3.9 | 521 | 2 | US-09-270-767-46291 | Sequence 14067, A |
| 1011 | 69 | 3.9 | 443 | 2 | US-09-492-709A-276 | Sequence 276, App | 1084 | 68.5 | 3.9 | 528 | 1 | US-08-368-071-13 | Sequence 46291, A |
| 1012 | 69 | 3.9 | 461 | 2 | US-08-742-877-2 | Sequence 2, Appli | 1085 | 68.5 | 3.9 | 528 | 1 | US-08-458-181-13 | Sequence 13, Appl |
| 1013 | 69 | 3.9 | 493 | 2 | US-09-543-681A-7006 | Sequence 7006, Ap | 1086 | 68.5 | 3.9 | 528 | 4 | PCT-US93-02172-13 | Sequence 13, Appl |
| 1014 | 69 | 3.9 | 495 | 2 | US-10-003-392-8 | Sequence 8, Appli | 1087 | 68.5 | 3.9 | 534 | 2 | US-09-138-672-2 | Sequence 13, Appl |
| 1015 | 69 | 3.9 | 501 | 2 | US-09-465-519-2 | Sequence 2, Appli | 1088 | 68.5 | 3.9 | 534 | 2 | US-09-199-290-9 | Sequence 2, Appli |
| 1016 | 69 | 3.9 | 501 | 2 | US-10-136-272-2 | Sequence 2, Appli | 1089 | 68.5 | 3.9 | 534 | 2 | US-09-632-392-2 | Sequence 9, Appli |
| 1017 | 69 | 3.9 | 503 | 2 | US-08-700-651-6 | Sequence 6, Appli | 1090 | 68.5 | 3.9 | 534 | 2 | US-09-455-679-1 | Sequence 2, Appli |
| 1018 | 69 | 3.9 | 503 | 2 | US-09-588-995A-66 | Sequence 66, Appl | 1091 | 68.5 | 3.9 | 534 | 2 | US-09-351-814-2 | Sequence 1, Appli |
| 1019 | 69 | 3.9 | 511 | 1 | US-08-468-700-35 | Sequence 35, Appl | 1092 | 68.5 | 3.9 | 534 | 2 | US-09-821-616-9 | Sequence 2, Appli |
| 1020 | 69 | 3.9 | 511 | 1 | US-08-645-971-3 | Sequence 3, Appli | 1093 | 68.5 | 3.9 | 546 | 2 | US-09-248-796A-17273 | Sequence 9, Appli |
| 1021 | 69 | 3.9 | 511 | 1 | US-08-468-220-33 | Sequence 33, Appl | 1094 | 68.5 | 3.9 | 572 | 1 | US-08-453-048-9 | Sequence 17273, A |
| 1022 | 69 | 3.9 | 511 | 1 | US-08-468-698-33 | Sequence 33, Appl | 1095 | 68.5 | 3.9 | 572 | 2 | US-09-169-027-9 | Sequence 9, Appli |
| 1023 | 69 | 3.9 | 511 | 1 | US-08-704-706A-35 | Sequence 35, Appl | 1096 | 68.5 | 3.9 | 575 | 2 | US-09-171-461-7 | Sequence 9, Appli |
| 1024 | 69 | 3.9 | 511 | 2 | US-08-890-383-2 | Sequence 2, Appli | 1097 | 68.5 | 3.9 | 575 | 2 | US-09-970-711-7 | Sequence 7, Appli |
| 1026 | 69 | 3.9 | 511 | 2 | US-08-890-383-4 | Sequence 4, Appli | 1098 | 68.5 | 3.9 | 593 | 1 | US-08-374-155A-14 | Sequence 7, Appli |
| 1027 | 69 | 3.9 | 511 | 2 | US-08-914-679A-2 | Sequence 2, Appli | 1099 | 68.5 | 3.9 | 593 | 1 | US-08-785-396-14 | Sequence 14, Appl |
| 1028 | 69 | 3.9 | 511 | 2 | US-08-914-679A-2 | Sequence 4, Appli | 1100 | 68.5 | 3.9 | 593 | 2 | US-10-061-269-14 | Sequence 14, Appl |
| 1029 | 69 | 3.9 | 511 | 2 | US-08-985-659-36 | Sequence 36, Appl | 1101 | 68.5 | 3.9 | 607 | 2 | US-08-537-3618-10 | Sequence 14, Appl |
| 1030 | 69 | 3.9 | 511 | 2 | US-08-194-664A-33 | Sequence 33, Appl | 1102 | 68.5 | 3.9 | 607 | 2 | US-08-390-470A-4 | Sequence 10, Appl |
| 1031 | 69 | 3.9 | 511 | 4 | PCT-US94-01553A-33 | Sequence 33, Appl | 1103 | 68.5 | 3.9 | 607 | 2 | US-08-817-707-10 | Sequence 4, Appli |
| 1032 | 69 | 3.9 | 511 | 4 | PCT-US95-10426-33 | Sequence 33, Appl | 1104 | 68.5 | 3.9 | 609 | 2 | US-09-538-092-711 | Sequence 10, Appl |
| 1033 | 69 | 3.9 | 574 | 2 | US-09-543-681A-6330 | Sequence 33, Appl | 1105 | 68.5 | 3.9 | 651 | 2 | US-09-351-814-13 | Sequence 11, App |
| 1034 | 69 | 3.9 | 655 | 1 | US-08-148-910-12 | Sequence 6330, Ap | 1106 | 68.5 | 3.9 | 651 | 2 | US-09-252-991A-18065 | Sequence 13, Appl |
| 1035 | 69 | 3.9 | 655 | 1 | US-08-448-937A-12 | Sequence 12, Appl | 1107 | 68.5 | 3.9 | 651 | 2 | US-09-489-039A-14338 | Sequence 18065, A |
| 1036 | 69 | 3.9 | 736 | 2 | US-09-248-796A-14200 | Sequence 12, Appl | 1108 | 68.5 | 3.9 | 732 | 4 | PCT-US95-17026-2 | Sequence 14338, A |
| 1037 | 69 | 3.9 | 803 | 2 | US-09-102-528-29 | Sequence 29, Appl | 1109 | 68.5 | 3.9 | 733 | 2 | US-09-452-991A-17987 | Sequence 2, Appli |
| 1038 | 69 | 3.9 | 820 | 1 | US-08-291-896-2 | Sequence 4312, Ap | 1110 | 68.5 | 3.9 | 841 | 2 | US-09-949-016-6086 | Sequence 17987, A |
| 1039 | 69 | 3.9 | 820 | 1 | US-08-485-278-2 | Sequence 2, Appli | 1111 | 68.5 | 3.9 | 844 | 2 | US-09-422-936-47 | Sequence 6086, Ap |
| 1040 | 69 | 3.9 | 1007 | 1 | US-08-551-459-4 | Sequence 2, Appli | 1112 | 68.5 | 3.9 | 855 | 2 | US-09-543-681A-7287 | Sequence 47, Appl |
| 1041 | 69 | 3.9 | 1231 | 1 | US-08-714-741-41 | Sequence 4, Appli | 1113 | 68.5 | 3.9 | 901 | 2 | US-09-710-279-342 | Sequence 7287, Ap |
| 1042 | 69 | 3.9 | 1335 | 2 | US-09-134-001C-3716 | Sequence 41, Appl | 1114 | 68.5 | 3.9 | 905 | 2 | US-09-074-658-70 | Sequence 342, App |
| 1043 | 69 | 3.9 | 2254 | 1 | US-08-286-819A-28 | Sequence 28, Appl | 1115 | 68.5 | 3.9 | 960 | 2 | US-09-422-936-45 | Sequence 70, Appl |
| 1044 | 69 | 3.9 | 2254 | 2 | US-08-980-357-28 | Sequence 28, Appl | 1116 | 68.5 | 3.9 | 1015 | 2 | US-09-285-385C-2 | Sequence 45, Appl |
| 1045 | 69 | 3.9 | 2254 | 2 | US-08-357-375-28 | Sequence 28, Appl | 1117 | 68.5 | 3.9 | 1138 | 2 | US-09-252-991A-25952 | Sequence 2, Appli |
| 1046 | 69 | 3.9 | 2910 | 1 | US-08-466-033-183 | Sequence 183, App | 1118 | 68.5 | 3.9 | 1297 | 2 | US-09-107-532A-4552 | Sequence 25952, A |
| 1047 | 69 | 3.9 | 2910 | 1 | US-08-464-733-183 | Sequence 183, App | 1119 | 68.5 | 3.9 | 1350 | 2 | US-09-784-554B-4 | Sequence 452, Ap |
| 1048 | 69 | 3.9 | 2910 | 1 | US-08-464-134-183 | Sequence 183, App | 1120 | 68.5 | 3.9 | 1455 | 2 | US-08-840-062-5 | Sequence 4, Appli |
| 1049 | 69 | 3.9 | 2910 | 1 | US-08-461-361-183 | Sequence 183, App | 1121 | 68.5 | 3.9 | 1745 | 2 | US-09-795-061-4 | Sequence 5, Appli |
| 1050 | 69 | 3.9 | 2910 | 1 | US-08-485-910-183 | Sequence 183, App | 1122 | 68.5 | 3.9 | 1745 | 2 | US-09-949-002-405 | Sequence 5, Appli |
| 1051 | 69 | 3.9 | 2910 | 4 | PCT-US95-06266-157 | Sequence 157, App | 1123 | 68.5 | 3.9 | 1771 | 2 | US-09-949-002-492 | Sequence 4, Appli |
| 1052 | 68.5 | 3.9 | 305 | 2 | US-09-104-047-2350 | Sequence 6, Appli | 1124 | 68.5 | 3.9 | 1876 | 1 | US-09-487-558B-102 | Sequence 402, App |
| 1053 | 68.5 | 3.9 | 305 | 2 | US-08-440-103-32 | Sequence 32, Appl | 1125 | 68.5 | 3.9 | 1876 | 2 | US-09-619-554-2 | Sequence 2, Appli |
| 1054 | 68.5 | 3.9 | 353 | 1 | US-08-440-103-32 | Sequence 32, Appl | 1126 | 68.5 | 3.9 | 3461 | 2 | US-09-334-220-2 | Sequence 102, Appl |
| 1055 | 68.5 | 3.9 | 353 | 1 | US-08-440-542-32 | Sequence 32, Appl | 1127 | 68 | 3.9 | 30 | 2 | US-09-164-021-2 | Sequence 2, Appli |
| 1056 | 68.5 | 3.9 | 353 | 1 | US-08-231-368-32 | Sequence 32, Appl | 1128 | 68 | 3.9 | 30 | 2 | US-09-519-703-2 | Sequence 2, Appli |
| 1057 | 68.5 | 3.9 | 353 | 1 | US-08-440-210-32 | Sequence 32, Appl | 1129 | 68 | 3.9 | 208 | 2 | US-09-101-272G-98 | Sequence 2, Appli |
| 1058 | 68.5 | 3.9 | 353 | 2 | US-09-046-604-32 | Sequence 32, Appl | 1130 | 68 | 3.9 | 297 | 2 | US-09-902-540-14353 | Sequence 98, Appl |
| 1059 | 68.5 | 3.9 | 382 | 2 | US-09-020-956-108 | Sequence 108, App | 1131 | 68 | 3.9 | 319 | 2 | US-08-682-643-3 | Sequence 14353, A |
| 1060 | 68.5 | 3.9 | 382 | 2 | US-09-030-607-108 | Sequence 108, App | 1132 | 68 | 3.9 | 319 | 2 | US-09-381-982C-1 | Sequence 3, Appli |
| 1061 | 68.5 | 3.9 | 382 | 2 | US-09-439-313-108 | Sequence 108, App | 1133 | 68 | 3.9 | 340 | 2 | US-09-769-787-188 | Sequence 1, Appli |
| 1062 | 68.5 | 3.9 | 382 | 2 | US-09-352-616A-108 | Sequence 108, App | 1134 | 68 | 3.9 | 359 | 2 | US-09-248-796A-25757 | Sequence 188, App |
| 1063 | 68.5 | 3.9 | 382 | 2 | US-09-232-149A-108 | Sequence 108, App | 1135 | 68 | 3.9 | 402 | 1 | US-08-460-806-13 | Sequence 25757, A |
| 1064 | 68.5 | 3.9 | 382 | 2 | US-09-159-812-108 | Sequence 108, App | 1136 | 68 | 3.9 | 402 | 1 | US-08-325-630-13 | Sequence 13, Appl |
| 1065 | 68.5 | 3.9 | 382 | 2 | US-09-636-215-108 | Sequence 108, App | 1137 | 68 | 3.9 | 403 | 1 | US-08-483-695-39 | Sequence 39, Appl |
| 1066 | 68.5 | 3.9 | 382 | 2 | US-09-685-166A-108 | Sequence 108, App | 1138 | 68 | 3.9 | 403 | 1 | US-07-965-285-39 | Sequence 39, Appl |
| | | | | | | | 1139 | 68 | 3.9 | 403 | 1 | US-08-487-231-39 | Sequence 39, Appl |

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|------|------|-----|------|---|----------------------|-------------------|------|------|-----|------|---|----------------------|-------------------|
| 1140 | 68 | 3.9 | 403 | 2 | US-09-201-912-39 | Sequence 39, Appl | 1213 | 67.5 | 3.9 | 441 | 2 | US-08-482-934A-10 | Sequence 10, Appl |
| 1141 | 68 | 3.9 | 425 | 2 | US-09-252-991A-28692 | Sequence 28692, A | 1214 | 67.5 | 3.9 | 441 | 2 | US-08-182-045-10 | Sequence 10, Appl |
| 1142 | 68 | 3.9 | 430 | 2 | US-09-949-016-10778 | Sequence 10778, A | 1215 | 67.5 | 3.9 | 446 | 2 | US-09-642-703-1 | Sequence 1, Appl |
| 1143 | 68 | 3.9 | 435 | 2 | US-09-252-991A-31215 | Sequence 31215, A | 1216 | 67.5 | 3.9 | 452 | 2 | US-09-242-913B-2 | Sequence 2, Appl |
| 1144 | 68 | 3.9 | 443 | 2 | US-09-489-038A-7461 | Sequence 7461, Ap | 1217 | 67.5 | 3.9 | 461 | 2 | US-09-422-936-57 | Sequence 57, Appl |
| 1145 | 68 | 3.9 | 476 | 2 | US-09-339-159B-4 | Sequence 4, Appl | 1218 | 67.5 | 3.9 | 461 | 2 | US-09-422-936-57 | Sequence 57, Appl |
| 1146 | 68 | 3.9 | 488 | 2 | US-09-538-092-1367 | Sequence 1367, Ap | 1219 | 67.5 | 3.9 | 467 | 2 | US-09-375-140-10 | Sequence 10, Appl |
| 1147 | 68 | 3.9 | 511 | 2 | US-09-305-681-6 | Sequence 6, Appl | 1220 | 67.5 | 3.9 | 467 | 2 | US-09-411-132A-9 | Sequence 9, Appl |
| 1148 | 68 | 3.9 | 539 | 2 | US-09-194-949A-11 | Sequence 11, Appl | 1221 | 67.5 | 3.9 | 474 | 2 | US-09-732-615-12 | Sequence 12, Appl |
| 1149 | 68 | 3.9 | 579 | 2 | US-09-744-852-2 | Sequence 2, Appl | 1222 | 67.5 | 3.9 | 474 | 2 | US-10-273-051-12 | Sequence 12, Appl |
| 1150 | 68 | 3.9 | 588 | 2 | US-08-481-190-16 | Sequence 16, Appl | 1223 | 67.5 | 3.9 | 496 | 2 | US-09-422-936-85 | Sequence 85, Appl |
| 1151 | 68 | 3.9 | 588 | 2 | PCT-US93-00869-16 | Sequence 16, Appl | 1224 | 67.5 | 3.9 | 545 | 2 | US-09-269-731-8 | Sequence 8, Appl |
| 1152 | 68 | 3.9 | 591 | 2 | US-09-370-368-8 | Sequence 8, Appl | 1225 | 67.5 | 3.9 | 548 | 2 | US-09-988-200-8 | Sequence 8, Appl |
| 1153 | 68 | 3.9 | 616 | 2 | US-09-136-574A-47 | Sequence 47, Appl | 1226 | 67.5 | 3.9 | 548 | 2 | US-09-375-140-11 | Sequence 11, Appl |
| 1154 | 68 | 3.9 | 616 | 2 | US-09-236-063-1 | Sequence 1, Appl | 1227 | 67.5 | 3.9 | 574 | 2 | US-09-142-623-13 | Sequence 13, Appl |
| 1155 | 68 | 3.9 | 642 | 2 | US-09-543-681A-7930 | Sequence 7930, Ap | 1228 | 67.5 | 3.9 | 578 | 2 | US-09-422-936-55 | Sequence 55, Appl |
| 1156 | 68 | 3.9 | 686 | 2 | US-09-786-480B-32 | Sequence 32, Appl | 1229 | 67.5 | 3.9 | 600 | 2 | US-09-489-039A-7380 | Sequence 7380, Ap |
| 1157 | 68 | 3.9 | 689 | 2 | US-08-778-570B-16 | Sequence 16, Appl | 1230 | 67.5 | 3.9 | 613 | 2 | US-09-508-264A-3 | Sequence 3, Appl |
| 1158 | 68 | 3.9 | 689 | 2 | US-09-059-584-16 | Sequence 16, Appl | 1231 | 67.5 | 3.9 | 616 | 2 | US-09-534-228B-1 | Sequence 1, Appl |
| 1159 | 68 | 3.9 | 690 | 2 | US-09-228-986-69 | Sequence 69, Appl | 1232 | 67.5 | 3.9 | 624 | 2 | US-09-970-367-6 | Sequence 6, Appl |
| 1160 | 68 | 3.9 | 690 | 2 | US-10-101-464A-69 | Sequence 69, Appl | 1233 | 67.5 | 3.9 | 643 | 2 | US-09-178-252-25 | Sequence 25, Appl |
| 1161 | 68 | 3.9 | 691 | 2 | US-09-949-016-7775 | Sequence 69, Appl | 1234 | 67.5 | 3.9 | 643 | 2 | US-09-826-660-25 | Sequence 25, Appl |
| 1162 | 68 | 3.9 | 703 | 2 | US-09-786-480B-22 | Sequence 22, Appl | 1235 | 67.5 | 3.9 | 686 | 2 | US-09-508-377-71 | Sequence 71, Appl |
| 1163 | 68 | 3.9 | 709 | 2 | US-08-778-570B-15 | Sequence 15, Appl | 1236 | 67.5 | 3.9 | 690 | 2 | US-09-336-115C-22 | Sequence 22, Appl |
| 1164 | 68 | 3.9 | 709 | 2 | US-09-059-584-15 | Sequence 15, Appl | 1237 | 67.5 | 3.9 | 691 | 2 | US-09-336-115C-12 | Sequence 12, Appl |
| 1165 | 68 | 3.9 | 824 | 2 | US-09-248-796A-20885 | Sequence 20885, A | 1238 | 67.5 | 3.9 | 693 | 1 | US-08-056-200-112 | Sequence 112, App |
| 1166 | 68 | 3.9 | 844 | 2 | US-09-422-936-51 | Sequence 51, Appl | 1239 | 67.5 | 3.9 | 693 | 1 | US-08-800-644-112 | Sequence 112, App |
| 1167 | 68 | 3.9 | 844 | 2 | US-09-719-085A-4 | Sequence 4, Appl | 1240 | 67.5 | 3.9 | 767 | 2 | US-09-949-016-6332 | Sequence 6332, Ap |
| 1168 | 68 | 3.9 | 886 | 2 | US-09-422-936-77 | Sequence 77, Appl | 1241 | 67.5 | 3.9 | 767 | 2 | US-08-836-567-8 | Sequence 8, Appl |
| 1169 | 68 | 3.9 | 892 | 2 | US-09-422-936-75 | Sequence 75, Appl | 1242 | 67.5 | 3.9 | 767 | 2 | US-09-606-304-8 | Sequence 8, Appl |
| 1170 | 68 | 3.9 | 899 | 2 | US-09-422-936-71 | Sequence 71, Appl | 1243 | 67.5 | 3.9 | 892 | 2 | US-09-336-447A-5 | Sequence 5, Appl |
| 1171 | 68 | 3.9 | 944 | 1 | US-08-867-941-24 | Sequence 24, Appl | 1244 | 67.5 | 3.9 | 892 | 2 | US-09-952-267B-5 | Sequence 5, Appl |
| 1172 | 68 | 3.9 | 944 | 2 | US-09-074-658-24 | Sequence 24, Appl | 1245 | 67.5 | 3.9 | 915 | 2 | US-09-346-237-2 | Sequence 2, Appl |
| 1173 | 68 | 3.9 | 961 | 2 | US-09-422-936-49 | Sequence 49, Appl | 1246 | 67.5 | 3.9 | 1040 | 2 | US-09-564-805-238 | Sequence 238, App |
| 1174 | 68 | 3.9 | 961 | 2 | US-09-914-253-14 | Sequence 14, Appl | 1247 | 67.5 | 3.9 | 1186 | 2 | US-09-178-252-23 | Sequence 23, Appl |
| 1175 | 68 | 3.9 | 1014 | 2 | US-10-101-464A-807 | Sequence 807, App | 1248 | 67.5 | 3.9 | 1186 | 2 | US-09-826-660-23 | Sequence 23, Appl |
| 1176 | 68 | 3.9 | 1143 | 1 | US-08-310-912A-108 | Sequence 108, App | 1249 | 67.5 | 3.9 | 1227 | 1 | US-08-448-170-8 | Sequence 8, Appl |
| 1177 | 68 | 3.9 | 1143 | 2 | US-09-301-085-108 | Sequence 108, App | 1250 | 67.5 | 3.9 | 1227 | 1 | US-08-961-803-9 | Sequence 9, Appl |
| 1178 | 68 | 3.9 | 1143 | 4 | PCT-US95-04589-108 | Sequence 108, App | 1251 | 67.5 | 3.9 | 1227 | 1 | US-09-661-322A-63 | Sequence 63, Appl |
| 1179 | 68 | 3.9 | 1144 | 1 | US-08-261-663A-2 | Sequence 2, Appl | 1252 | 67.5 | 3.9 | 1290 | 2 | US-08-470-350B-2 | Sequence 2, Appl |
| 1180 | 68 | 3.9 | 1144 | 1 | US-08-261-663A-2 | Sequence 4, Appl | 1253 | 67.5 | 3.9 | 1295 | 2 | US-09-328-352-6045 | Sequence 6045, Ap |
| 1181 | 68 | 3.9 | 1144 | 2 | US-08-930-996A-9 | Sequence 9, Appl | 1254 | 67.5 | 3.9 | 1938 | 2 | US-09-514-302-2 | Sequence 2, Appl |
| 1182 | 68 | 3.9 | 1144 | 2 | US-09-357-206A-3 | Sequence 3, Appl | 1255 | 67.5 | 3.9 | 1938 | 2 | US-10-014-436-2 | Sequence 2, Appl |
| 1183 | 68 | 3.9 | 1144 | 2 | US-09-813-742A-3 | Sequence 3, Appl | 1256 | 67 | 3.8 | 197 | 1 | US-08-044-621D-29 | Sequence 29, Appl |
| 1184 | 68 | 3.9 | 1144 | 4 | PCT-US95-07754A-2 | Sequence 2, Appl | 1257 | 67 | 3.8 | 197 | 1 | US-08-709-912-9 | Sequence 9, Appl |
| 1185 | 68 | 3.9 | 1144 | 4 | PCT-US95-07754A-2 | Sequence 4, Appl | 1258 | 67 | 3.8 | 197 | 1 | US-09-047-370-9 | Sequence 9, Appl |
| 1186 | 68 | 3.9 | 1426 | 2 | US-09-136-574A-43 | Sequence 43, Appl | 1259 | 67 | 3.8 | 197 | 1 | US-09-570-856B-18 | Sequence 18, Appl |
| 1187 | 68 | 3.9 | 2161 | 1 | US-07-745-206A-2 | Sequence 2, Appl | 1260 | 67 | 3.8 | 208 | 2 | US-09-540-236-3351 | Sequence 3351, Ap |
| 1188 | 68 | 3.9 | 2161 | 1 | US-08-455-543A-49 | Sequence 49, Appl | 1261 | 67 | 3.8 | 306 | 2 | US-09-248-796A-16865 | Sequence 16865, A |
| 1189 | 68 | 3.9 | 2161 | 1 | US-08-455-543A-51 | Sequence 51, Appl | 1262 | 67 | 3.8 | 307 | 2 | US-09-902-540-12057 | Sequence 12057, A |
| 1190 | 68 | 3.9 | 2161 | 1 | US-08-223-305C-49 | Sequence 49, Appl | 1263 | 67 | 3.8 | 318 | 2 | US-09-248-796A-16752 | Sequence 16752, A |
| 1191 | 68 | 3.9 | 2161 | 1 | US-08-223-305C-51 | Sequence 51, Appl | 1264 | 67 | 3.8 | 334 | 2 | US-09-489-039A-9370 | Sequence 9370, Ap |
| 1192 | 68 | 3.9 | 2161 | 1 | US-08-311-363-2 | Sequence 2, Appl | 1265 | 67 | 3.8 | 349 | 2 | US-09-489-039A-10686 | Sequence 10686, A |
| 1193 | 68 | 3.9 | 2175 | 2 | US-09-693-205A-8 | Sequence 8, Appl | 1266 | 67 | 3.8 | 353 | 1 | US-08-440-103-31 | Sequence 31, Appl |
| 1194 | 68 | 3.9 | 2181 | 2 | US-09-949-016-5981 | Sequence 8, Appl | 1267 | 67 | 3.8 | 353 | 1 | US-08-440-542-31 | Sequence 31, Appl |
| 1195 | 68 | 3.9 | 2188 | 2 | US-09-949-016-8295 | Sequence 8295, Ap | 1268 | 67 | 3.8 | 353 | 1 | US-08-231-368-31 | Sequence 31, Appl |
| 1196 | 68 | 3.9 | 2873 | 1 | US-08-466-033-15 | Sequence 15, Appl | 1269 | 67 | 3.8 | 353 | 1 | US-08-440-210-17 | Sequence 17, Appl |
| 1197 | 68 | 3.9 | 2873 | 1 | US-08-638-911A-2 | Sequence 2, Appl | 1270 | 67 | 3.8 | 367 | 1 | US-09-046-604-31 | Sequence 31, Appl |
| 1198 | 68 | 3.9 | 2873 | 1 | US-08-444-733-15 | Sequence 15, Appl | 1271 | 67 | 3.8 | 367 | 1 | US-08-440-103-17 | Sequence 17, Appl |
| 1199 | 68 | 3.9 | 2873 | 1 | US-08-461-361-15 | Sequence 15, Appl | 1272 | 67 | 3.8 | 367 | 1 | US-08-440-542-17 | Sequence 17, Appl |
| 1200 | 68 | 3.9 | 2873 | 1 | US-08-461-361-15 | Sequence 15, Appl | 1273 | 67 | 3.8 | 367 | 1 | US-08-231-368-17 | Sequence 17, Appl |
| 1201 | 68 | 3.9 | 2873 | 1 | US-08-485-910-15 | Sequence 15, Appl | 1274 | 67 | 3.8 | 367 | 1 | US-08-440-210-17 | Sequence 17, Appl |
| 1202 | 68 | 3.9 | 2873 | 4 | PCT-US95-06266-15 | Sequence 15, Appl | 1275 | 67 | 3.8 | 367 | 2 | US-09-046-604-17 | Sequence 17, Appl |
| 1203 | 68 | 3.9 | 3829 | 2 | US-09-693-205A-2 | Sequence 2, Appl | 1276 | 67 | 3.8 | 370 | 1 | US-09-440-103-31 | Sequence 31, Appl |
| 1204 | 68 | 3.9 | 3829 | 2 | US-09-693-205A-16 | Sequence 16, Appl | 1277 | 67 | 3.8 | 370 | 1 | US-08-725-518-2 | Sequence 2, Appl |
| 1205 | 67.5 | 3.9 | 249 | 2 | US-09-543-681A-6793 | Sequence 6793, Ap | 1278 | 67 | 3.8 | 373 | 2 | US-09-134-000C-4179 | Sequence 4179, Ap |
| 1206 | 67.5 | 3.9 | 277 | 2 | US-09-270-767-44706 | Sequence 44706, A | 1279 | 67 | 3.8 | 375 | 2 | US-09-976-594-795 | Sequence 795, App |
| 1207 | 67.5 | 3.9 | 316 | 2 | US-09-381-792C-2 | Sequence 2, Appl | 1280 | 67 | 3.8 | 387 | 2 | US-09-538-092-1244 | Sequence 1244, Ap |
| 1208 | 67.5 | 3.9 | 397 | 1 | US-08-188-281B-11 | Sequence 11, Appl | 1281 | 67 | 3.8 | 387 | 2 | US-09-270-767-42090 | Sequence 42090, A |
| 1209 | 67.5 | 3.9 | 397 | 4 | PCT-US94-07280-11 | Sequence 11, Appl | 1282 | 67 | 3.8 | 402 | 1 | US-08-460-806-4 | Sequence 4, Appl |
| 1210 | 67.5 | 3.9 | 397 | 4 | PCT-US95-01087-11 | Sequence 11, Appl | 1283 | 67 | 3.8 | 402 | 1 | US-08-325-630-4 | Sequence 4, Appl |
| 1211 | 67.5 | 3.9 | 426 | 2 | US-09-242-913B-3 | Sequence 3, Appl | 1284 | 67 | 3.8 | 406 | 2 | US-10-104-047-3928 | Sequence 3928, Ap |
| 1212 | 67.5 | 3.9 | 441 | 2 | US-08-985-526-3 | Sequence 3, Appl | 1285 | 67 | 3.8 | 420 | 2 | US-09-107-532A-5946 | Sequence 5946, Ap |
| | | | | | | | | | | 437 | 2 | US-09-538-092-109 | Sequence 109, App |

| | | | | | | | | | | | | | |
|------|------|-----|------|---|----------------------|-------------------|------|------|-----|-----|---|---------------------|-------------------|
| 1286 | 67 | 3.8 | 439 | 2 | US-08-914-375C-67 | Sequence 67, Appl | 1359 | 66.5 | 3.8 | 405 | 2 | US-09-543-681A-7024 | Sequence 7024, Ap |
| 1287 | 67 | 3.8 | 441 | 1 | US-08-470-187-8 | Sequence 8, Appl | 1360 | 66.5 | 3.8 | 406 | 1 | US-08-446-777-4 | Sequence 4, Appl |
| 1288 | 67 | 3.8 | 441 | 1 | US-08-318-305-8 | Sequence 8, Appl | 1361 | 66.5 | 3.8 | 406 | 2 | US-08-506-296B-5 | Sequence 5, Appl |
| 1289 | 67 | 3.8 | 441 | 1 | US-08-483-232-8 | Sequence 8, Appl | 1362 | 66.5 | 3.8 | 406 | 2 | US-09-948-016-6306 | Sequence 6306, Ap |
| 1290 | 67 | 3.8 | 441 | 1 | US-08-483-140-8 | Sequence 8, Appl | 1363 | 66.5 | 3.8 | 413 | 2 | US-09-949-016-10736 | Sequence 10736, A |
| 1291 | 67 | 3.8 | 441 | 1 | US-08-485-938A-8 | Sequence 8, Appl | 1364 | 66.5 | 3.8 | 413 | 2 | US-09-949-016-10737 | Sequence 10737, A |
| 1292 | 67 | 3.8 | 441 | 1 | US-08-910-041-8 | Sequence 8, Appl | 1365 | 66.5 | 3.8 | 418 | 2 | US-08-844-054-2 | Sequence 2, Appl |
| 1293 | 67 | 3.8 | 441 | 1 | US-09-328-474-8 | Sequence 8, Appl | 1366 | 66.5 | 3.8 | 418 | 2 | US-09-347-333-2 | Sequence 2, Appl |
| 1294 | 67 | 3.8 | 441 | 2 | US-09-100-546-8 | Sequence 8, Appl | 1367 | 66.5 | 3.8 | 426 | 2 | US-09-949-016-11137 | Sequence 11137, A |
| 1295 | 67 | 3.8 | 441 | 2 | US-09-010-715-8 | Sequence 8, Appl | 1368 | 66.5 | 3.8 | 439 | 2 | US-08-506-296B-67 | Sequence 67, Appl |
| 1296 | 67 | 3.8 | 441 | 2 | US-09-577-758-8 | Sequence 8, Appl | 1369 | 66.5 | 3.8 | 439 | 2 | US-09-088-425-1 | Sequence 1, Appl |
| 1297 | 67 | 3.8 | 441 | 2 | US-09-591-279A-46 | Sequence 46, Appl | 1370 | 66.5 | 3.8 | 472 | 2 | US-09-639-378A-1 | Sequence 1, Appl |
| 1298 | 67 | 3.8 | 441 | 2 | US-09-949-002-379 | Sequence 12, Appl | 1371 | 66.5 | 3.8 | 472 | 2 | US-08-704-711A-20 | Sequence 20, Appl |
| 1299 | 67 | 3.8 | 445 | 2 | US-09-843-905A-12 | Sequence 12, Appl | 1372 | 66.5 | 3.8 | 477 | 2 | US-08-448-489-15 | Sequence 15, Appl |
| 1300 | 67 | 3.8 | 448 | 2 | US-09-949-002-571 | Sequence 26, Appl | 1373 | 66.5 | 3.8 | 477 | 2 | US-08-281-313-1 | Sequence 9, Appl |
| 1301 | 67 | 3.8 | 455 | 2 | US-10-154-515A-26 | Sequence 26, Appl | 1374 | 66.5 | 3.8 | 477 | 2 | US-09-521-220-20 | Sequence 20, Appl |
| 1302 | 67 | 3.8 | 455 | 2 | US-10-122-706-26 | Sequence 26, Appl | 1375 | 66.5 | 3.8 | 477 | 2 | US-08-351-104-21 | Sequence 21, Appl |
| 1303 | 67 | 3.8 | 467 | 2 | US-09-489-039A-12949 | Sequence 12949, A | 1376 | 66.5 | 3.8 | 477 | 2 | US-08-683-338A-12 | Sequence 12, Appl |
| 1304 | 67 | 3.8 | 479 | 2 | US-09-949-016-6869 | Sequence 6869, Ap | 1377 | 66.5 | 3.8 | 485 | 2 | US-08-600-656-1 | Sequence 1, Appl |
| 1305 | 67 | 3.8 | 490 | 2 | US-09-949-016-6869 | Sequence 7057, Ap | 1378 | 66.5 | 3.8 | 485 | 2 | US-09-170-670-1 | Sequence 1, Appl |
| 1306 | 67 | 3.8 | 496 | 2 | US-09-949-016-7057 | Sequence 6, Appl | 1379 | 66.5 | 3.8 | 485 | 2 | US-09-193-068-1 | Sequence 7, Appl |
| 1307 | 67 | 3.8 | 505 | 2 | US-09-695-795A-8 | Sequence 8, Appl | 1380 | 66.5 | 3.8 | 485 | 2 | US-09-193-068-7 | Sequence 7, Appl |
| 1308 | 67 | 3.8 | 505 | 2 | US-08-976-063B-22 | Sequence 22, Appl | 1381 | 66.5 | 3.8 | 485 | 2 | US-09-183-412-1 | Sequence 7, Appl |
| 1309 | 67 | 3.8 | 588 | 4 | PCT-US95-13743-5 | Sequence 5, Appl | 1382 | 66.5 | 3.8 | 485 | 2 | US-09-264-097-7 | Sequence 7, Appl |
| 1310 | 67 | 3.8 | 620 | 2 | US-09-269-731-6 | Sequence 6, Appl | 1383 | 66.5 | 3.8 | 485 | 2 | US-09-354-191A-1 | Sequence 1, Appl |
| 1311 | 67 | 3.8 | 637 | 2 | US-09-988-200-6 | Sequence 6, Appl | 1384 | 66.5 | 3.8 | 485 | 2 | US-09-290-734-7 | Sequence 7, Appl |
| 1312 | 67 | 3.8 | 637 | 2 | US-08-185-282-4 | Sequence 4, Appl | 1385 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-1 | Sequence 1, Appl |
| 1313 | 67 | 3.8 | 648 | 1 | US-08-448-796A-17906 | Sequence 17906, A | 1386 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-7 | Sequence 7, Appl |
| 1314 | 67 | 3.8 | 659 | 2 | US-09-710-279-1060 | Sequence 1060, Ap | 1387 | 66.5 | 3.8 | 485 | 2 | US-09-540-715A-19 | Sequence 19, Appl |
| 1315 | 67 | 3.8 | 659 | 2 | US-09-902-540-11293 | Sequence 11293, A | 1388 | 66.5 | 3.8 | 485 | 2 | US-09-769-864-7 | Sequence 7, Appl |
| 1316 | 67 | 3.8 | 663 | 2 | US-08-824-057-3 | Sequence 3, Appl | 1389 | 66.5 | 3.8 | 485 | 2 | US-10-025-648-1 | Sequence 1, Appl |
| 1317 | 67 | 3.8 | 663 | 2 | US-09-693-596-4 | Sequence 4, Appl | 1390 | 66.5 | 3.8 | 485 | 2 | US-09-441-313-1 | Sequence 1, Appl |
| 1318 | 67 | 3.8 | 668 | 2 | US-09-134-001C-3430 | Sequence 3430, Ap | 1391 | 66.5 | 3.8 | 485 | 2 | US-09-441-313-7 | Sequence 7, Appl |
| 1319 | 67 | 3.8 | 669 | 2 | US-08-941-445A-9 | Sequence 9, Appl | 1392 | 66.5 | 3.8 | 485 | 2 | US-09-540-715A-19 | Sequence 19, Appl |
| 1320 | 67 | 3.8 | 712 | 2 | US-09-949-016-6324 | Sequence 6324, Ap | 1393 | 66.5 | 3.8 | 485 | 2 | US-09-636-252A-12 | Sequence 12, Appl |
| 1321 | 67 | 3.8 | 783 | 2 | US-09-949-016-10080 | Sequence 10080, A | 1394 | 66.5 | 3.8 | 485 | 2 | US-09-361-687-2 | Sequence 2, Appl |
| 1322 | 67 | 3.8 | 783 | 2 | US-09-502-540-11405 | Sequence 11405, A | 1395 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-1 | Sequence 1, Appl |
| 1323 | 67 | 3.8 | 790 | 2 | US-09-543-681A-6460 | Sequence 6460, Ap | 1396 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-7 | Sequence 7, Appl |
| 1324 | 67 | 3.8 | 815 | 2 | US-09-339-159B-26 | Sequence 26, Appl | 1397 | 66.5 | 3.8 | 485 | 2 | US-09-540-715A-19 | Sequence 19, Appl |
| 1325 | 67 | 3.8 | 848 | 2 | US-09-297-703C-31 | Sequence 31, Appl | 1398 | 66.5 | 3.8 | 485 | 2 | US-09-769-864-7 | Sequence 7, Appl |
| 1326 | 67 | 3.8 | 848 | 2 | US-09-297-703C-53 | Sequence 53, Appl | 1399 | 66.5 | 3.8 | 485 | 2 | US-10-025-648-1 | Sequence 1, Appl |
| 1327 | 67 | 3.8 | 909 | 1 | US-08-363-124A-4 | Sequence 4, Appl | 1400 | 66.5 | 3.8 | 485 | 2 | US-09-441-313-1 | Sequence 1, Appl |
| 1328 | 67 | 3.8 | 931 | 2 | US-09-079-592-11 | Sequence 11, Appl | 1401 | 66.5 | 3.8 | 485 | 2 | US-09-441-313-7 | Sequence 7, Appl |
| 1329 | 67 | 3.8 | 938 | 2 | US-08-897-843A-1 | Sequence 1, Appl | 1402 | 66.5 | 3.8 | 485 | 2 | US-09-540-715A-19 | Sequence 19, Appl |
| 1330 | 67 | 3.8 | 992 | 2 | US-09-206-942-61 | Sequence 61, Appl | 1403 | 66.5 | 3.8 | 485 | 2 | US-09-636-252A-12 | Sequence 12, Appl |
| 1331 | 67 | 3.8 | 992 | 2 | US-10-193-764-57 | Sequence 57, Appl | 1404 | 66.5 | 3.8 | 485 | 2 | US-09-361-687-2 | Sequence 2, Appl |
| 1332 | 67 | 3.8 | 998 | 2 | US-09-206-942-59 | Sequence 59, Appl | 1405 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-1 | Sequence 1, Appl |
| 1333 | 67 | 3.8 | 998 | 2 | US-10-193-764-55 | Sequence 55, Appl | 1406 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-7 | Sequence 7, Appl |
| 1334 | 67 | 3.8 | 1163 | 2 | US-09-489-039A-11053 | Sequence 11053, A | 1407 | 66.5 | 3.8 | 485 | 2 | US-09-540-715A-19 | Sequence 19, Appl |
| 1335 | 67 | 3.8 | 1411 | 2 | US-10-080-505-17 | Sequence 17, Appl | 1408 | 66.5 | 3.8 | 485 | 2 | US-09-769-864-7 | Sequence 7, Appl |
| 1336 | 67 | 3.8 | 1525 | 2 | US-09-418-710-69 | Sequence 69, Appl | 1409 | 66.5 | 3.8 | 485 | 2 | US-10-025-648-1 | Sequence 1, Appl |
| 1337 | 67 | 3.8 | 1525 | 2 | US-09-839-479-68 | Sequence 68, Appl | 1410 | 66.5 | 3.8 | 485 | 2 | US-09-441-313-1 | Sequence 1, Appl |
| 1338 | 66.5 | 3.8 | 93 | 1 | US-08-341-843B-38 | Sequence 38, Appl | 1411 | 66.5 | 3.8 | 485 | 2 | US-09-441-313-7 | Sequence 7, Appl |
| 1339 | 66.5 | 3.8 | 93 | 1 | US-08-427-497E-43 | Sequence 43, Appl | 1412 | 66.5 | 3.8 | 485 | 2 | US-09-540-715A-19 | Sequence 19, Appl |
| 1340 | 66.5 | 3.8 | 201 | 2 | US-08-506-296B-55 | Sequence 55, Appl | 1413 | 66.5 | 3.8 | 485 | 2 | US-09-636-252A-12 | Sequence 12, Appl |
| 1341 | 66.5 | 3.8 | 321 | 2 | US-08-506-296B-54 | Sequence 54, Appl | 1414 | 66.5 | 3.8 | 485 | 2 | US-09-361-687-2 | Sequence 2, Appl |
| 1342 | 66.5 | 3.8 | 324 | 1 | US-08-047-413-11 | Sequence 11, Appl | 1415 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-1 | Sequence 1, Appl |
| 1343 | 66.5 | 3.8 | 324 | 2 | US-08-229-050-11 | Sequence 11, Appl | 1416 | 66.5 | 3.8 | 485 | 2 | US-09-545-586-7 | Sequence 7, Appl |
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ALIGNMENTS

US-09-709-677-4
; Sequence 4, Application US/09709677
; Patent No. 6524820
; GENERAL INFORMATION:
; APPLICANT: Pierce, J. M.
; Moremen, Kelley W.
; Lee, Jin-Kyu
; TITLE OF INVENTION: Lectins and Coding Sequences
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: Colorado
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/709,677
; FILING DATE: 09-NO. 6524820-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,507 and US 09/124,758
; FILING DATE: 04-JUN-1997 and 04-JUN-1998, respectively.
; ATTORNEY/AGENT INFORMATION:
; NAME: Yoo-Warren, Heeja
; REGISTRATION NUMBER: 45,495
; REFERENCE/DOCKET NUMBER: 40-97a
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 313 amino acids
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
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US-09-709-677-4
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RESULT 2
; Sequence 414, Application US/09991181
; Patent No. 6913919
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2730PIC53
; CURRENT APPLICATION NUMBER: US/09/991,181
; CURRENT FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
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 ; PRIOR FILING DATE: 1998-07-07
 ; PRIOR APPLICATION NUMBER: 60/092182
 ; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 1747; DB 2; Length 313;
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Qy     181  HNLFGIYQYKPKYGBGKWTNDGVPVIPPVYDFGDAQKTASTYSPYQGBEFTAGFVQFRV 240
Db     181  HNLFGIYQYKPKYGBGKWTNDGVPVIPPVYDFGDAQKTASTYSPYQGBEFTAGFVQFRV 240
Qy     241  FNNERAANALCAGMRTVCNTEHHCIGGGYPPPEASPOCGDFSGFDWDSGYGTHVGYS 300
Db     241  FNNERAANALCAGMRTVCNTEHHCIGGGYPPPEASPOCGDFSGFDWDSGYGTHVGYS 300
Qy     301  REITEAAVLLFYR 313
Db     301  REITEAAVLLFYR 313
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RESULT 4

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/ Sequence 414, Application US/09997333
/ Patent No. 6953836
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi J.
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan L.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Pabni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K.
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2730PIC27
/ CURRENT APPLICATION NUMBER: US/09/997,333
/ CURRENT FILING DATE: 2001-11-15
/ PRIOR APPLICATION NUMBER: 60/049787
/ PRIOR FILING DATE: 1997-06-16
/ PRIOR APPLICATION NUMBER: 60/062250
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/092182
; PRIOR FILING DATE: 1998-07-09

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Best Local Similarity 100.0%; Pred. No. 1.9e-165;
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Db 241 FNNERAAALCAGMRVTGCTNTEHCHICGGGYPPEASPOCGDFSGFDMWSGYGTHVGYS 300
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Db 301 REITEAAVLLFYR 313

RESULT 5

; Sequence 414, Application US/09992598
; Patent No. 6956108
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
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; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2730P1C20
; CURRENT APPLICATION NUMBER: US/09/992,598
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: 60/049787
; PRIOR FILING DATE: 1997-06-16
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17

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;; PRIOR APPLICATION NUMBER: 60/091633
;; PRIOR FILING DATE: 1998-07-02
;; PRIOR APPLICATION NUMBER: 60/091978
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/091982
;; PRIOR FILING DATE: 1998-07-07
;; PRIOR APPLICATION NUMBER: 60/092182
;; PRIOR FILING DATE: 1998-07-09

Query Match 100.0%; Score 1747; DB 2; Length 313;
Best Local Similarity 100.0%; Pred. No. 1.9e-165;
Matches 313; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNQLSFLFLIATTRGWSDEANTYFKWTCSSPSLPRSCKEIKDECPSAFDGLYFLRT 60
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QY 61 ENGVIYOTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQQSKADYPEGDGNWANY 120
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QY 181 HNLFGIYQKYPVKYGEKCTWDNGPVI PVVYDFGDAQKTASYSPYQOREFTAGFVQFRV 240
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QY 241 FNNERAAALCAGMRVTGNTHEHCIGGGYFPPEASPOCCGDFSGFDWMSGYGTHVGYSSS 300
DB 241 FNNERAAALCAGMRVTGNTHEHCIGGGYFPPEASPOCCGDFSGFDWMSGYGTHVGYSSS 300

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RESULT 6
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; Sequence 4, Application US/09124758
; Patent No. 6146849
; GENERAL INFORMATION:
; APPLICANT: Pierce, J. M.
; APPLICANT: Moreman, Kelley W.
; APPLICANT: Lee, Jin-Kyu
; TITLE OF INVENTION: Lectins and Coding Sequences
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle, Suite 201
; CITY: Boulder
; STATE: Colorado
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/124,758
; FILING DATE: 04-JUN-1998

;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/048,507
;; FILING DATE: 04-JUN-1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Ferber, Donna M.
;; REGISTRATION NUMBER: 33,878
;; REFERENCE/DOCKET NUMBER: 40-97
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (303) 499-8080
;; TELEFAX: (303) 499-8089
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 313 amino acids
;; TYPE: amino acid
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
US-09-124-758-4

Query Match 99.8%; Score 1743; DB 2; Length 313;
Best Local Similarity 99.7%; Pred. No. 4.7e-165;
Matches 312; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNQLSFLFLIATTRGWSDEANTYFKWTCSSPSLPRSCKEIKDECPSAFDGLYFLRT 60
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QY 61 ENGVIYOTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQQSKADYPEGDGNWANY 120
DB 61 ENGVIYOTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQQSKADYPEGDGNWANY 120

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DB 241 FNNERAAALCAGMRVTGNTHEHCIGGGYFPPEASPOCCGDFSGFDWMSGYGTHVGYSSS 300

QY 301 REITEAAVLLFYR 313
DB 301 REITEAAVLLFYR 313

RESULT 7
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; Sequence 2, Application US/09646693
; Patent No. 6635255
; GENERAL INFORMATION:
; APPLICANT: Bruck, Claudine Elvire Marie
; APPLICANT: Cassart, Jean-Pol
; APPLICANT: Coche, Thierry
; APPLICANT: Vinals-Bassols, Carlota
; TITLE OF INVENTION: CASB414: ANTIGEN OVEREXPRESSED IN SEVERAL
; TITLE OF INVENTION: TUMOURS
; FILE REFERENCE: BC45206
; CURRENT APPLICATION NUMBER: US/09/646,693
; CURRENT FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: PCT/EP99/01893
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
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; LENGTH: 313
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US-09-646-693-2

Query Match 99.5%; Score 1738; DB 2; Length 313;

RESULT 8

US-09-973-278-156
; Sequence 156, Application US/09973278
; Patent No. 6924354
; GENERAL INFORMATION:
; APPLICANT: Fischer et al.
; TITLE OF INVENTION: 123 Human Secreted Proteins
; FILE REFERENCE: P2010P2
; CURRENT APPLICATION NUMBER: US/09/973,278
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/239,899
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; PRIOR FILING DATE: 1999-01-08
; PRIOR APPLICATION NUMBER: PCI/US98/13684
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; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,930
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,918
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,920
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,733
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/052,795
; PRIOR FILING DATE: 1997-07-08
; PRIOR APPLICATION NUMBER: 60/051,919

[illegible]

STATE: Colorado
COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/709,677
FILING DATE: 09-No. 6524820-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,507 and US 09/124,758
FILING DATE: 04-JUN-1997 and 04-JUN-1998, respectively.
ATTORNEY/AGENT INFORMATION:
NAME: Yoo-Warren, Heeja
REGISTRATION NUMBER: 45,495
REFERENCE/DOCKET NUMBER: 40-97a
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-709-677-6

Query Match 83.0%; Score 1449.5; DB 2; Length 325;
Best Local Similarity 83.0%; Pred. No. 8.1e-136;
Matches 264; Conservative 18; Mismatches 31; Indels 5; Gaps 3;
QY 1 MQLSFLFLIATTTGMSDEANT---YFKEM-TCS-SPSPSPRSCKEIKDCPSAFDGL 55
DB 8 MTRLCFLFFSVATSCGSAASLSLEMLSRFETCAFSPSSLPSCKEIKERCHSAGDGL 67
QY 56 YFLRTGVVYVTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQOGSKADYPEGDG 115
DB 68 YFLRTGVVYVTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQOGSKADYPEGDG 127
QY 116 NWANTNTFGSAEAATSDDYKPNFYDIQAKDLGIHVPNKS PMQWRNSLLRYRTDTGF 175
DB 128 NWANTNTFGSAEAATSDDYKPNFYDIQAKDLGIHVPNKS PMQWRNSALLRYRTDTGF 187
QY 176 LQTLGHNLFGLIYQKYPVKYGEKCTWDNGPVPVYDFGDAOKTASYSPYQREFTAGF 235
DB 188 LQRLGHNLFGLIYQKYPVKYRSGKWNNGPAIPVVYDFGDAKKTASYSPYQREFTAGF 247
QY 236 VQPRVFNNERAANALCAGMRVTGCTNTEHHICIGGGYFPPEAS PQCGDFSGDMSGVGTHV 295
DB 248 VQPRVFNNERAANALCAGIKVTGCTNTEHHICIGGGYFPPEAS PQCGDFSGDMSGVGTHV 307
QY 296 GYSSSREITEAAVLLFYR 313
DB 308 KSTSSREITEAPVLLFYR 325

RESULT 11
US-09-124-758-6
Sequence 6, Application US/09124758
Patent No. 6146849
GENERAL INFORMATION:
APPLICANT: Pierce, J. M.
APPLICANT: Moreman, Kelley W.
APPLICANT: Lee, Jin-Kyu
TITLE OF INVENTION: Lectins and Coding Sequences
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder

STATE: Colorado
COUNTRY: US
ZIP: 80303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/124,758
FILING DATE: 04-JUN-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,507
FILING DATE: 04-JUN-1998
ATTORNEY/AGENT INFORMATION:
NAME: Ferber, Donna M.
REGISTRATION NUMBER: 33,878
REFERENCE/DOCKET NUMBER: 40-97
TELEPHONE: (303) 499-8080
TELEFAX: (303) 499-8089
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 325 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-124-758-6

Query Match 82.8%; Score 1446.5; DB 2; Length 325;
Best Local Similarity 82.7%; Pred. No. 1.6e-135;
Matches 263; Conservative 19; Mismatches 31; Indels 5; Gaps 3;
QY 1 MQLSFLFLIATTTGMSDEANT---YFKEM-TCS-SPSPSPRSCKEIKDCPSAFDGL 55
DB 8 MTRLCFLFFSVATSCGSAASLSLEMLSRFETCAFSPSSLPSCKEIKERCHSAGDGL 67
QY 56 YFLRTGVVYVTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQOGSKADYPEGDG 115
DB 68 YFLRTGVVYVTFCDMTSGGGWTLVASVHENDMRGKCTVGDWSSQOGSKADYPEGDG 127
QY 116 NWANTNTFGSAEAATSDDYKPNFYDIQAKDLGIHVPNKS PMQWRNSLLRYRTDTGF 175
DB 128 NWANTNTFGSAEAATSDDYKPNFYDIQAKDLGIHVPNKS PMQWRNSALLRYRTDTGF 187
QY 176 LQTLGHNLFGLIYQKYPVKYGEKCTWDNGPVPVYDFGDAOKTASYSPYQREFTAGF 235
DB 188 LQRLGHNLFGLIYQKYPVKYRSGKWNNGPAIPVVYDFGDAKKTASYSPYQREFTAGF 247
QY 236 VQPRVFNNERAANALCAGMRVTGCTNTEHHICIGGGYFPPEAS PQCGDFSGDMSGVGTHV 295
DB 248 VQPRVFNNERAANALCAGIKVTGCTNTEHHICIGGGYFPPEAS PQCGDFSGDMSGVGTHV 307
QY 296 GYSSSREITEAAVLLFYR 313
DB 308 KSTSSREITEAPVLLFYR 325

RESULT 12
US-09-124-758-2
Sequence 2, Application US/09124758
Patent No. 6146849
GENERAL INFORMATION:
APPLICANT: Pierce, J. M.
APPLICANT: Moreman, Kelley W.
APPLICANT: Lee, Jin-Kyu
TITLE OF INVENTION: Lectins and Coding Sequences
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
STREET: 5370 Manhattan Circle, Suite 201
CITY: Boulder

Search completed: February 8, 2006, 19:43:50
Job time : 64 secs

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